



**APPLICATION FOR HOSPITAL TO BE DESIGNATED  
"IN THE ACS VERIFICATION PROCESS"**  
State Form 55271 (R2 / 7-15)



Date submitted (month, day, year)  
September 28, 2015

**APPLICANT INFORMATION**

Legal name of hospital

Terre Haute Regional Hospital

Previously known as (if applicable)

Mailing address (no PO Box) (number and street, city, state, and ZIP code)

3901 S. Seventh St., Terre Haute, IN 47802

Business telephone number

( 812 ) 232-0021

24-hour contact telephone number

( 812 ) 232-0021

Business fax number

( 812 ) 237-9514

Level of "In the Process" status applied for (check one)

☐ Level III Adult

☐ Level I Adult

☒ Level II Adult

Hospital's status in applying for ACS verification as a trauma center (including Levels being pursued)

ACS Level II consultation scheduled for August or September 2016. Will be scheduling ACS Level II  
verification visit for late Spring 2017.

**CHIEF EXECUTIVE OFFICER INFORMATION**

Name

Mary Ann Conroy

Title

CEO

Telephone number

( )

E-mail address

**TRAUMA PROGRAM MEDICAL DIRECTOR INFORMATION**

Name

Dr. Christine Toevs

Title

Trauma Medical Director

Office telephone number

( )

Cellular telephone / pager number

E-mail address

**TRAUMA PROGRAM MANAGER / COORDINATOR INFORMATION**

Name

Carrie Malone

Title

Director of Trauma Services

Office telephone number

( )

Cellular telephone / pager number

E-mail address

**ATTESTATION**

In signing this application, we are attesting that all of the information contained herein is accurate and that we and our attending hospital agree to be bound by the rules, policies and decisions of the Indiana Emergency Medical Services Commission and Indiana State Department of Health regarding our status under this program.

Signature of chief executive officer

Printed name

Mary Ann Conroy

Date (month, day, year)

8/26/15

Signature of trauma medical director

Printed name

Christine Toevs

Date (month, day, year)

8/26/2015

Signature of trauma program manager

Printed name

Carrie Malone

Date (month, day, year)

8/26/15

**INSTRUCTIONS:** Address each of the attached in narrative form.



## Table of Contents

### Document

### Page

1. **Trauma Medical Director**
  - a. Documentation of Medical Director Appointment
  - b. ATLS certificate
  - c. CV
  - d. Job description: dedicated to one facility
  - e. Call rosters (Appendix A)
  - e. Board certifications
  - f. Attendance at trauma operation meetings (Appendix B)
  - g. Attendance at trauma peer review meetings (Appendix C)
  - h. CME
2. **Trauma Program Manager**
  - a. CV
  - b. CEUs
  - c. Job description
  - d. Attendance at trauma operation meetings (Appendix B)
  - e. Attendance at trauma peer review meetings (Appendix C)
3. **Submission of Trauma Data to State Registry**
4. **Trauma Registrar**
  - a. CV
  - b. Job description
  - c. Proof of Registry Training
5. **Tiered Activation System**
  - a. Policy
6. **Trauma Surgeon Response Times**
  - a. Individual statements of support
  - b. Complete surgeon response time spreadsheet
  - c. Letter from disaster committee chairperson plus attendance
  - d. General surgery call rosters (Appendix A)
  - e. Contingency plan of back up schedules
  - f. ATLS cards, Board Certification, CME
7. **Emergency Department**
  - a. Call rosters
  - b. ED physician spreadsheet
  - c. ED medical director/ liaison CV
  - d. ATLS cards, CME
8. **Orthopedic Surgery**
  - a. Call rosters
  - b. Letters of commitment
  - c. CME
9. **Neurosurgery**
  - a. Call roster
  - b. Letters of commitment





- c. CME
  - d. Policy scope of care and transfer criteria
- 10. **Transfer Agreements and Criteria**
  - a. Transfer policy
  - b. Copies of transfer agreements
- 11. **Trauma operating room, staff, and equipment**
  - a. List of essential equipment
  - b. Staffing policy (Appendix D)
  - c. Anesthesiology liaison CV
- 12. **Critical Care Physician Coverage**
  - a. Board certification for ICU co-director
  - b. Call rosters (Appendix A)
  - c. Letters of commitment
  - d. Policy for management of emergencies in the ICU
  - e. CME
- 13. **CT Scan and Conventional Radiography**
  - a. Letter of Commitment
  - b. Policy outlining services and response times (Appendix D)
- 14. **Intensive Care Unit**
  - a. Scope of Care (Appendix D)
  - b. Equipment list
- 15. **Blood Bank**
  - a. Policy/guideline detailing available products
  - b. Copy of Massive Transfusion Protocol
- 16. **Laboratory Services**
  - a. Guideline that outlines services available 24/7 (Appendix D)
- 17. **Post-anesthesia care unit:**
  - a. Qualified staff (Appendix D)
  - b. Equipment list
- 18. **Relationship with OPO**
  - a. Evidence of established relationship with OPO
  - b. Policy regarding OPO participation
- 19. **Diversion policy**
  - a. Copy of diversion policy
  - b. ISDH diversion spreadsheet
- 20. **Operational process performance improvement committee**
  - a. Letter outlining membership and meeting frequency
  - b. ISDH spreadsheet (Appendix B)
  - c. Mandatory attendance requirement (Appendix B)
- 21. **Trauma Peer Morbidity and Mortality Committee**
  - a. Letter outlining Membership and meeting frequency
  - b. ISDH spreadsheet (Appendix C)
  - c. Mandatory attendance requirement (Appendix C)
- 22. **Nurse Credentialing Requirements**
  - a. Policy/guideline ED and ICU
  - b. Completion rates



23. **Commitment by the Governing Body and Medical Staff**  
a. Board Resolution  
b. Medical Staff Resolution
- 24 **Appendices**



**Terre Haute Regional Hospital Trauma Medical Director**

**Memorandum of Understanding**

Between

Terre Haute Regional Hospital,

and

EmCare Acute Care Surgery

dba Acute Management, LLC

with

Dr. Christine C. Toevs

This Memorandum of Understanding (MOU) sets forth the terms and understanding between Terre Haute Regional Hospital, Acute Management, LLC, and Dr. Christine C. Toevs to formally establish Dr. Toevs as the Trauma Medical Director of the Terre Haute Regional Hospital trauma program, effective April 1, 2015.

**Background**

As Terre Haute Regional Hospital seeks to provide outstanding, optimal care to injured patients in our hospital, community, and region, we recognize that the Trauma Medical Director plays a key role in the development and administration of Level II trauma center services.

**Purpose**

This MOU represents the mutual commitment of Terre Haute Regional Hospital, Acute Management, LLC, and Dr. Toevs; that we are partnering together to provide optimal care of injured patients according to the guidelines set forth by the Indiana State Trauma Care Committee, the Indiana Department of Homeland Security, and the most recent guidelines as established in *Resources for Optimal Care of the Injured Patient*, by the American College of Surgeons Committee on Trauma, and as such, Dr. Toevs is hereby appointed to the position of Trauma Medical Director.

**Reporting**

Terre Haute Regional Hospital will monitor the effectiveness of this agreement on a yearly and as needed basis.

**Funding**

This MOU does not represent a commitment of funds on the part of Terre Haute Regional Hospital.

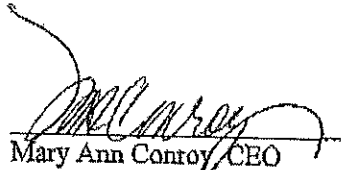
**Duration**

This MOU is at-will and may be modified by mutual consent of authorized officials from Terre Haute Regional Hospital and Acute Management, LLC. This MOU shall become effective upon signature by an authorized official from Terre Haute Regional Hospital and Acute Management, LLC, and will remain in effect until modified or terminated by any one of the partners by mutual consent.

**Contact Information**

Terre Haute Regional Hospital  
Mary Ann Conroy  
Chief Executive Officer  
3901 S. Seventh St  
Terre Haute, IN 47802

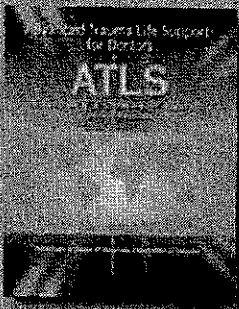
Acute Management, LLC  
Dr. John Josephs  
Chief Executive Officer  
13737 Noel Rd.  
Dallas, TX 75240

  
Mary Ann Conroy, CEO  
Terre Haute Regional Hospital

Date: April 1, 2015

  
Dr. John Josephs, CEO  
Acute Management, LLC

Date: April 1, 2015



## Christine C Toevs

This Instructor is recognized as having completed the ATLS® Instructor Training requirements in an ATLS® Student Course according to the standards established by the ACS Committee on Trauma.

*Karen Brasel*  
Karen Brasel, MD, FACS  
Chairperson,  
ATLS Subcommittee

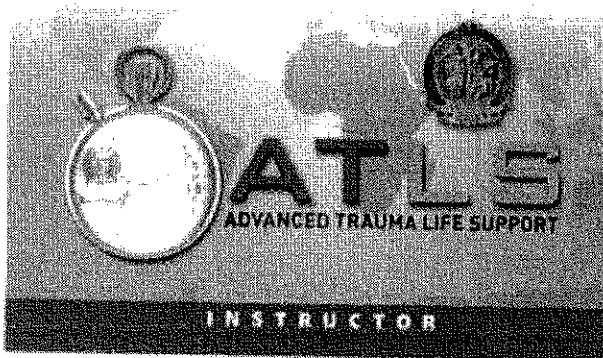
*A. K. Durrant*  
Ajai Malhotra, MD, FACS  
ACS Chairperson,  
State/Provincial  
Committee on Trauma

Date of Issue: 09/15/2012

Date of Expiration: 09/15/2016



COMMITTEE ON TRAUMA



### Christine C Toevs

This Instructor is recognized as having completed the ATLS® Instructor Training requirements in an ATLS® Student Course according to the standards established by the ACS Committee on Trauma.

Issue Date: 09/15/2012

Expiration Date: 09/15/2016

*Karen Brasel*  
Chairperson,  
ATLS Subcommittee

*A. K. Durrant*  
ACS Chairperson,  
State/Provincial  
Committee on Trauma

ATLS ID

Replacement ATLS cards are available for a \$10 USD fee.

# American College of Surgeons ATLS® Person History Report

Date: 09/29/2012  
Time: 11:12:55

Confidential

ATLS ID: Christine C. Toers, MD  
Name: USA  
Address: Person Specialty: SR  
Phone:

Faculty Level Detail Information			
Faculty Level	Begin Date	End Date	Edition
Instructor	09/15/2000	09/15/2016	Eighth
Student Course Director	04/02/2005	09/15/2016	Eighth

Detail Training History					
Type	Course #	Begin Date	End Date	Site Name	Location
TRC	18555-P	09/14/2000	09/15/2000	Regions Hospital	St. Paul, MN
OC-P	8222-P	03/11/1992	03/13/1992	Vidant Medical Center	Greenville, NC
OC-I	13332-I	03/23/2000	03/24/2000	Regions Hospital	St. Paul, MN
OC-P	12136-P	04/25/1996	04/26/1996	Regions Hospital	St. Paul, MN
TRC	26921-P	04/01/2005	04/02/2005	Univ. of Miss. School of Med.	Jackson, MS
				Student Course Director Candidate	

Detail Teaching History for current four year re-verification period						
Serial Number	Begin Date	End Date	Site Name	Location	Role	Teaching Credit

Detail History						
Serial Number	Begin Date	End Date	Site Name	Location	Role	Teaching Instructor Course Exp Date
40025-P	05/26/2012	06/27/2012	Allegheny General Hospital	Pittsburgh, PA	Student Course Director	
37878-P	05/22/2011	06/23/2011	Allegheny General Hospital	Pittsburgh, PA	Instructor	



351034-P	10/23/2009	10/24/2009	Carilion Roanoke Memorial Hospital	Roanoke, VA	Instructor	Musculo	XII	Yes	
32940-P	08/23/2008	08/24/2008	Carilion Roanoke Memorial Hospital	Roanoke, VA	Student Course Director	Transfer	I	Yes	
31409-P	11/03/2007	11/04/2007	Carilion Roanoke Memorial Hospital	Roanoke, VA	Instructor	Spine	X	Yes	
31066-P	08/18/2007	08/19/2007	Carilion Roanoke Memorial Hospital	Roanoke, VA	Instructor	Musculo	XII	Yes	
29775-SR	10/27/2006	10/27/2006	Univ. of Miss. School of Med.	Jackson, MS	Student Course Director			Yes	
29513-P	09/09/2006	09/09/2006	Univ. of Miss. School of Med.	Jackson, MS	Student Course Director			Yes	
29243-P	06/23/2006	06/24/2006	Univ. of Miss. School of Med.	Jackson, MS	Student Course Director			Yes	
28974-SR	02/22/2006	02/22/2006	Univ. of Miss. School of Med.	Jackson, MS	Student Course Director			Yes	
26923-P	09/09/2005	09/10/2005	Univ. of Miss. School of Med.	Jackson, MS	Student Course Director	Transfer	I	Yes	
26922-P	06/24/2005	06/25/2005	Univ. of Miss. School of Med.	Jackson, MS	Student Course Director	Arway	II	Yes	
26921-P	04/01/2005	04/02/2005	Univ. of Miss. School of Med.	Jackson, MS	Student Course Director	Transfer	TS	Yes	
27169-SR	02/23/2005	02/23/2005	Grand Hotel and Casino	Biloxi, MS	Instructor	Initial Assessment		Yes	
25578-P	06/25/2004	06/26/2004	Univ. of Miss. School of Med.	Jackson, MS	Instructor	Abdominal	SS	Yes	
25577-P	05/21/2004	05/22/2004	Univ. of Miss. School of Med.	Jackson, MS	Instructor	Pedi	I	Yes	
23967-P	09/05/2003	09/06/2003	Univ. of Miss. School of Med.	Jackson, MS	Instructor	Abdominal	SS	Yes	
23939-P	06/27/2003	06/28/2003	Univ. of Miss. School of Med.	Jackson, MS	Instructor	Head	IX	Yes	
22146-P	11/01/2002	11/02/2002	Univ. of Miss. School of Med.	Jackson, MS	Instructor	Thoracic	VI	Yes	
22779-P/SR	08/14/2002	08/15/2002	University of North Carolina	Chapel Hill, NC	Instructor	Musculo	XII	Yes	
20992-P	09/14/2001	09/15/2001	Regions Hospital	St. Paul, MN	Instructor	Spine	X	Yes	
18656-P	11/02/2000	11/03/2000	Regions Hospital	St. Paul, MN	Instructor	Arway	II	Yes	
18655-P	09/14/2000	09/15/2000	Regions Hospital	St. Paul, MN	Instructor	Head	IX	Yes	
15332-I	03/23/2000	03/24/2000	Regions Hospital	St. Paul, MN	Student			No	03/24/2004
18653-P/SR	02/24/2000	02/25/2000	Regions Hospital	St. Paul, MN	Student			No	02/25/2004
12136-P	04/25/1996	04/26/1996	Regions Hospital	St. Paul, MN	Student Refresher			No	04/26/2000
8222-P	03/11/1992	03/13/1992	Vidant Medical Center	Greenville, NC	Student			No	03/13/1996

Total: 27

**Christine C Toevs MD, MA (Bioethics), FACS, FCCM**

**Education**

- 08-1983 to 05-1987      University of North Carolina at Charlotte  
Charlotte, North Carolina  
Bachelor of Science, Biology with Honors
- 08-1988 to 05-1992      East Carolina University School of Medicine  
Greenville, North Carolina  
Doctor of Medicine
- 07-2004 to 12-2006      Trinity Graduate School  
Deerfield, Illinois  
Master of Arts, Bioethics, Cum Laude

**Internship**

- 07-1992 to 06-1993      Johns Hopkins Hospital  
Baltimore, Maryland  
General Surgery

**Residency**

- 07-1995 to 06-2001      University of Minnesota  
Minneapolis, Minnesota  
General Surgery

**Fellowship**

- 07-1997 to 06-1999      University of Minnesota  
Minneapolis, Minnesota  
Surgical Infectious Disease
- 07-2001 to 06-2002      University of North Carolina-Chapel Hill  
Chapel Hill, North Carolina  
Surgical Critical Care

**Research**

- 07-1993 to 06-1995      National Institutes of Health  
National Institute of Neurological Disorders and Stroke  
Surgical Neurology Branch  
Bethesda, Maryland
- 07-1997 to 06-1999      University of Minnesota  
Minneapolis, Minnesota

**Board Certification**

- American Board of Surgery, General Surgery  
Certificate #: 47193      (04-17-2002 to 07-01-2012)  
Recertification 12-01-2009      (12-01-2009 to 07-01-2022)
- American Board of Surgery, Surgical Critical Care  
Certificate #: 2003      (10-18-2002 to 07-01-2013)  
Recertification 09-20-2010      (09-20-2010 to 07-01-2023)
- American Board of Surgery, Hospice and Palliative Medicine  
Certificate #: 26      (11-16-2010 to 07-01-2021)
- United Council for Neurological Subspecialties, Neurocritical Care  
Certificate #: NCC01208-13      (12-31-2013 to 12-31-2023)

**Christine C Toevs MD, MA (Bioethics), FACS, FCCM**

## Employment

04-2015 to present	EmCare Acute Care Surgery Terre Haute Regional Hospital Terre Haute, Indiana Trauma Medical Director
05-2011 to 01-2015	Allegheny Health Network, West Penn Allegheny Health System Allegheny General Hospital, Pittsburgh, PA Trauma/Critical Care Surgeon, Acute Care Surgeon, Palliative Medicine Clinical Associate Professor (Adjunct), Temple University School of Medicine Medical Director, Trauma ICU Fellowship Director, Surgical Critical Care Fellowship
09-2009 to 04-2011	Locums-Tenens Surgery Memorial Hospital, Colorado Springs, CO Surgical Critical Care: 01-2011 to 02-2011  Marshfield Clinic, Marshfield WI. Trauma/Critical Care Surgery: 02-2010 to 04-2011  Hartford Hospital, Hartford CT Trauma/Critical Care Surgery: 12-2009 to 12-2010  Grant Medical Center, Columbus OH Trauma/Critical Care Surgery: 07-2010  Duplin General Hospital, Kenansville NC General Surgery: 02-2010 to 03-2010  Cary Medical Center, Caribou ME General Surgery: 01-2010 to 02-2010  Bon Sequors Memorial Medical Center, Mechanicsville VA General Surgery: 10-2009 to 11-2009  Parkview Adventist Medical Center, Brunswick ME General Surgery: 09-2009 to 10-2009
07-2007 to 05-2009	Carilion Clinic Carilion Roanoke Memorial Hospital, Roanoke, VA Trauma/Critical Care Surgeon, General Surgeon, Palliative Medicine
08-2002 to 06-2007	University of Mississippi Medical Center, Jackson, MS Trauma/Critical Care Surgeon, General Surgeon Assistant Professor of Surgery, University of Mississippi School of Medicine

## Professional Organizations and Activities

American Academy of Hospice and Palliative Medicine	(2008-present)
Abstract Reviewer	(2014, 2015)
Ethics Committee	(2009-2015)
Intensive Board Review Course Planning Work Group	(2015-2017)
American College of Chest Physicians, FCCP	(2003-present)
Abstract Reviewer	(2014)
American College Critical Care Medicine, FCCM	(2010-present)
American College of Surgeons, FACS	(2002-present)
ATLS Course Director	(2005-present)
ACS Task Force on Palliative Medicine	(2013-present)
American Medical Association (AMA)	(1988-2009)
Council on Scientific Affairs	(1991-1992)
American Medical Association Medical Student Section (AMA-MSS)	
Delegate	(1990-1991)

## **Christine C Toevs MD, MA (Bioethics), FACS, FCCM**

Reference Committee I-89, A-90  
Rules Committee A-89  
American Medical Association Resident Physician Section (AMA-RPS)  
Delegate A-93, A-94, A-95  
East Carolina University Chapter, American Medical Association  
Projects and Public Relations Committee (1990-1991)  
Chair, Membership Recruiting Committee (1989-1990)  
Constitution Committee (1988-1989)  
American Society for Bioethics and Humanities (2013-present)  
Abstract Reviewer (2014, 2015)  
American Trauma Society (2004-2008)  
MS Chapter, President Elect (2004-2006)  
Association for Surgical Education (2003-2009)  
Christian Medical and Dental Association (CMDA)  
Ethics Committee (2010-present)  
Eastern Association for the Surgery of Trauma (EAST) (2004-present)  
Johns Hopkins Medical and Surgical Association (1993-2008)  
Medical Society of Virginia (MSV) (2007-2009)  
Mississippi State Medical Association (2002-2007)  
North Carolina Medical Association (NCMS)  
Alternate Delegate (1989-1990)  
NCMS-MSS delegate (1989)  
Society of Critical Care Medicine (2002-present)  
Abstract Reviewer (2008-present)  
ACCM Ethics Committee (2009-2015)  
Adult Current Concepts in Critical Care Course (2011-2014)  
Billing and Coding Oversight Committee (2009-2012)  
Past Chair (2011-2012)  
Chair (2010-2011)  
Vice Chair (2009-2010)  
Fundamental Critical Care Support Instructor (2009-present)  
Grenvick Family Award for Ethics Committee (2005-2007)  
Graduate and Resident Education Committee (2006-2016)  
Ad Hoc Committee Member (2010-2013)  
Past Chair (2009-2010, 2015-2016)  
Chair (2008-2009, 2014-2015)  
Vice Chair (2007-2008)  
Patient and Family Support Committee (2006-2009)  
Program Committee (2011-2018)  
Strategic Education Committee (2014-2015)  
Surgery Section  
Chair (2011-2012)  
Chair Elect (2010-2011)  
Secretary-Treasurer (2009-2010)  
At-Large Surgery Section (2008-2009)  
Education Committee Surgery  
Section Co-Chair (2005-2008)  
Southeastern Surgical Congress (2003-present)

## **Honors and Awards**

Alpha Omega Alpha (AOA)  
Burn/Trauma Specialty Abstract Award, Society Critical Care Medicine (2014)  
Presidential Citation, Society of Critical Care Medicine (2005, 2006, 2011-2015)  
Teacher of the Year, Carilion Clinic General Surgery Residency (2008, 2009)  
Janet M. Glasgow Memorial Achievement Citation (1992)  
Honorary Marshall, Convocation (1991)  
McGraw Hill Award for Academic Achievement and Community Service (1990)  
Honors, Advanced Family Medicine Clerkship (1992)  
Honors, Pathology (1990)  
Graduation with Honors, UNC-Charlotte (1987)  
Honors Research in Biology, UNC-Charlotte (1986-87)

## Christine C Toevs MD, MA (Bioethics), FACS, FCCM

### Medical Staff Activities

Terre Haute Regional Hospital	(2015-present)
Trauma Medical Director	
Allegheny General Hospital	(2011-2015)
Medical Director, Trauma Intensive Care Unit	(2011-2015)
Committee Memberships:	
Hospital Ethics Committee	(2011-2015)
Continuing Medical Education Committee	(2012-2015)
Graduate Medical Education Committee	(2011-2015)
Ombudsman Subcommittee	(2013-2015)
Nutrition Committee	(2012-2015)
Pharmacy and Therapeutics Committee	(2013-2015)
Transfusion Committee	(2012-2015)
Trauma Liaison	(2011-2015)
Allegheny Health Network Pharmacy and Therapeutics Committee	(2014-2015)
Carilion Roanoke Memorial Hospital	(2007-2009)
Medical Director, Surgical Intensive Care Unit	(2007-2009)
Committee Memberships:	
Endoscopy Subcommittee	(2007-2009)
Trauma Committee	(2007-2009)
Intensive Specialty Care Committee	(2007-2009)
Surgery Performance Improvement Committee	(2007-2009)
Ventilator Associated Pneumonia Subcommittee	(2008-2009)
Ethics Committee	(2008-2009)
Post-operative Pneumonia Committee	(2008)
University of Mississippi Medical Center	(2002-2007)
Medical Director, Surgical Intensive Care Unit	(2004-2007)
Medical Student Clerkship, Co-Director	(2003-2007)
Preceptor, Surgery Interest Group	(2004-2007)
Committee Memberships:	
Antibiotic Subcommittee	(2005-2007)
Blood Transfusion Committee	(2003-2007)
Critical Care Committee	(2002-2007)
Trauma Committee	(2002-2007)

### Publications

#### Peer Review

1. Akbasak A, **Toevs CC**, and Laske DW. 1996. *Reconstituted Basement Membrane (Matrigel) Enhances the Growth of Human Glioma Cell Lines in Nude Mice*, J Neurooncol; 27:23-30. PMID: 8699222
2. McDaniel DO, Hamilton J, Brock M, May W, Calcote L, Tee L, Vick L, Newman B, Vick K, Harrison S, Timberlake G, and **Toevs C**. 2007. *Molecular Analysis of Inflammatory Markers in Trauma Patients at Risk of Postinjury Complications*, J Trauma; 63:147. PMID:19545110
3. Mihalik JE, Krupka L, Davenport R, Tucker L, **Toevs C**, and Smith RS. 2010. *The Rate of Imaging-Histologic Discordance of Benign Breast Disease: A Multidisciplinary Approach to the Management of Discordance at a Large University-based Hospital*, Am J Surg; 199:319-323. PMID:20226903
4. Moore CB, Smith RS, Herbertson R, and **Toevs C**. 2011. *Does Use of Intraoperative Irrigation with Open Or Laparoscopic Appendectomy Reduce Post-Operative Intra-abdominal Abscess?* Am Surg; 1:78-80. PMID:21396311
5. **Toevs C**. 2011. *Palliative Medicine in the Surgical Intensive Care Unit and Trauma*, Surg Clin North Am; 91:325-331. PMID:21419255
6. Mihalik JE, Smith RS, **Toevs CC**, Putnam AT, and Foster JE. 2012. *The Use of Contrast-Enhanced Ultrasound for the Evaluation of Solid Abdominal Organ Injury in Patients with Blunt Abdominal Trauma*, J Trauma Acute Care Surg; 73:1100-1105. PMID:22832765
7. Tisherman SA, Kaplan L, Gracias V, Beilman GJ, **Toevs C**, Byrner MC, and Coopersmith CM. 2013. *Providing Care for Critically Ill Surgical Patients: Challenges and Recommendation*, JAMA Surg; 148:669-674. PMID:23754675
8. Rittenhouse-Puhak J, Philp FH, and **Toevs C**. 2013. *Trauma Surgery in an Aging World*, Am Surg; 79:e264-266. PMID:23896230
9. Kaplan LK and **Toevs CC**. 2013. *Weaning from Mechanical Ventilation*, Curr Prob Surg; 50:489-494. PMID:24156848
10. Sarani B, **Toevs C**, Mayglothling J, Kaplan LJ. 2015. *The Burden of the U.S. Crisis in the Surgical Critical Care Workforce and Workflow*. Am Surg;81(1):19-22. PMID: 25569050

**Christine C Toeves MD, MA (Bioethics), FACS, FCCM**

**Chapters, Books, Reviews**

1. **Carter CG.** 1989. *M1 Survival Manual*, Medical School Council. ECU-SOM, 52pp.
2. **Carter CG.** 1989. *The Stuff Inside: Anatomy for Everybody*. ECU-SOM, 180pp.
3. **Carter CG.** 1989. *Physiology: The Body Works*. ECU-SOM, 220pp.
4. **Toeves C.** 2005. *Ethics in the Intensive Care Unit*. RICU: A Web Based Educational Curriculum. Society of Critical Care Medicine. <http://ricu.sccm.org>
5. Paxton JH, Rubenfield I, and **Toeves C.** 2007. *Medical Errors*. RICU: A Web Based Educational Curriculum. Society of Critical Care Medicine. <http://ricu.sccm.org>
6. **Toeves CC.** 2010. *Trauma in Obese Patients*, Critical Care Clinics; 26:689-693. PMID:20970058
7. **Toeves CC.** 2012 ed. *Palliative Medicine in ICU*. EY Chang and PK Park (ed.). Current Concepts in Adult Critical Care; pp 171-176. Mount Prospect, IL.
8. **Toeves CC.** 2012. *Palliative Medicine in the Surgical Intensive Care Unit and Trauma*, Anesthesiol Clin; 30:29-35. PMID:22405430
9. **Toeves CC.** 2013 ed. *Palliative Care in the ICU*. PK Park and A Bihorac (ed.). Current Concepts in Adult Critical Care; pp 51-56. Mount Prospect, IL.
10. **Toeves CC.** 2014. *Why are Food and Hydration Given by "Artificial Means" Considered to be Something that can be Withdrawn or Foregone?* DR Thompson and D Kaufmann (ed.). Critical Care Ethics: A Practice Guide 3<sup>rd</sup> ed.; pp 47-51. Mount Prospect, IL.
11. **Toeves CC.** 2014. *What are the Ethical Issues in Renal Replacement Therapy?* DR Thompson and D Kaufmann (ed.). Critical Care Ethics: A Practice Guide 3<sup>rd</sup> ed.; pp 279-282. Mount Prospect, IL.
12. **Toeves CC, Kelpchick PR.** 2014. *Acutely Decreased Hemoglobin*. F Falter and N Screatton (ed.) Imaging the ICU Patient; pp. 207-302. London.

**Invited Editorials and Commentaries**

1. **Carter CG.** 1990. *M-2 Memories, Progress Notes*, ECU Department of Family Medicine; 4:1.
2. **Toeves CC** and Whitehead, P. 2008. *Palliative Medicine and Family Support in the ICU*, Critical Connections (SCCM). December 2008.
3. Evans HL, Agarwal S, Sarani B, Evans S, Stafford R, and **Toeves C.** 2012. *Resident Education in the Wake of Workforce Restrictions*, Critical Connections (SCCM). April/May 2012.
4. **Toeves C.** 2012. *The Family that Developed Selective Hearing*, *Clinical Ethics Dilemma*, Ethics Med; 28:77-80.
5. **Toeves C.** 2013. *Getting a Handle on Goals of Care*, ACS Surgery News; 9:4. September 2013.
6. **Toeves C.** 2013. *Ethical Dilemmas Surround Those Willing to Sell, Buy Kidneys on Black Market*, CMDA's The Point. November 27, 2013.
7. **Toeves CC** and Toeves B. 2014. *Text Messages in the ICU: Are They Secure?* Critical Connections (SCCM). Feb/March 2014.
8. **Toeves CC** and Toeves B. 2014. *Email Security*. Critical Connections (SCCM). April/May 2014.
9. Guletz M, Papidemos T, and **Toeves CC.** 2014. *Ethical Dilemmas with the Use of Mechanical Circulatory Devices*. Critical Connections (SCCM). August/September 2014.
10. **Toeves CC** and Toeves B. 2015. *Cloud Computing*. Critical Connections (SCCM). Dec/Jan 2015.
11. **Toeves CC** and Toeves B. 2015. *Keeping a Watchful Eye: Employee Monitoring*. Critical Connections (SCCM). Dec/Jan 2015.
12. **Toeves C.** 2015 *"The Talk"*. ACS Surgery News. Jan 2015.
13. **Toeves CC** and Rincon F. *The Guardianship Question*. Critical Connections (SCCM). Feb/March 2015.

**Practice Guidelines, Standards, Consensus Statements**

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2. Council on Scientific Affairs, American Medical Association. 1992. *Induced Termination of Pregnancy Before and After Roe v. Wade*, JAMA; 268:3231-3239. PMID:1733765
3. Council on Scientific Affairs, American Medical Association. 1992. *Clinical Ecology*, JAMA; 268:3465-3467. PMID:1460738
4. Council on Scientific Affairs, American Medical Association. 1993. *Physicians and Family Caregivers: A Model for Partnership*, JAMA; 269:1282-1284. PMID:8437307
5. Council on Scientific Affairs, American Medical Association. 1993. *Confidential Health Services for Adolescents*, JAMA; 269:1420-1424. PMID:8441220
6. Council on Scientific Affairs, American Medical Association. 1993. *The Use of Pulse Oximetry During Conscious Sedation*, JAMA; 270:1463-1468. PMID:8371447

**Christine C Toeves MD, MA (Bioethics), FACS, FCCM**

**Case Reports, Technical Reports, Letters**

1. **Toeves CC** and Beilman G. 2000. *Splenic Abscess 10 Years after Splenic Trauma: A Case Report*, Am Surg; 66:204-205. PMID:10695754
2. **Toeves CC**. 2004. *Pitfalls in the Early Care of Trauma Patients*, EMS Mississippi; 2:1.
3. **Toeves CC**. 2004. *Fluid Resuscitation of the Injured Patient*, EMS Mississippi; 2:2.
4. **Toeves CC**. 2004. *Fluid Resuscitation: Colloids vs Crystalloids*, EMS Mississippi; 2:2.
5. Reese AH, McAllister MS, and **Toeves CC**. 2009. *Rupture of a Giant Renal Artery Aneurysm*, Am Surg; 75:525-527. PMID:19545110

**Lay Press and Media**

1. *Ethical Issues*. Amy Hanek, The Roanoke Times, April 23, 2009.
2. *Anticoagulant Dabigatran Ups the Required Dose of Heparin*, ACS Surgery News, January 2013.
3. *Are \$100,000-plus ICU drugs worth the cost?* Hospitalist News. February 13, 2013.
4. *A World Away: Critical Care in Underserved Areas*, Critical Connections, February 2014.
5. *Nearby Trauma Centers Make Difference In Patient Outcomes*, CBS Pittsburgh, April 9, 2014.
6. *Wartime triage techniques deployed at Franklin Regional*, Pittsburgh Business Times, April 9, 2014.
7. *Cutting It Close*. National Enquirer. April 28, 2014.
8. *The Doctors*, May 13, 2014.
9. *Chainsaw in the neck: How surgeons saved one man from a traumatic accident*, Fox News, July 11, 2014.
10. *Untold Stories in the ER*, Discovery Fit and Health, July 11, 2014.
11. *Untold Stories in the ER*, The Learning Channel, July 26, 2014.
12. *Palliative Consult Helps Geriatric Trauma Patients Avoid Futile Interventions*, ACS Surgery News, December 2014.
13. *Palliative Consults Empower Geriatric Trauma Patients*, ACS Surgery News, January 2015.

**Abstracts**

1. **Toeves CC**, Akbasak A, Youle R, Oldfield EH, and Laske DW. 1994. *Epidermal Growth Factor Receptor (EGFR) Targeted Fusion Protein for Brain Tumor Therapy*.  
Poster: American Association of Neurological Surgeons, 1994.
2. **Toeves CC**, Wu YN, Laske DW, Oldfield EH, and Youle R. 1995. *Retinoic Acid Potentiates Antitumor Activity of Immunotoxin in Vivo*.  
Poster: American Association of Neurological Surgeons, 1995.
3. **Toeves CC**, Oldfield EH, Youle R, and Laske DW. 1995. *Combination Therapy with Targeted Protein Toxins and BCNU*.  
Poster: American Association of Neurological Surgeons, 1995.
4. Stafford RE, Khetarpal S, **Toeves CC**, and Weigelt JA. 1998. *The Use of a Structured Tertiary Survey in the Multiply Injured Trauma Patient*.  
Presented (Stafford): Minnesota Surgical Society Meeting, 1998.
5. Stafford RE, **Toeves CC**, Khetarpal S, and Schubert W. 1998. *Peripheral Nerve Injuries from Blunt Trauma*.  
Presented (Stafford): American Society for Peripheral Nerve Meeting, 1998.
6. Stafford RE, Khetarpal S, **Toeves C**, and Weigelt JA. 1999. *The Use of a Structured Tertiary Survey in the Multiply Injured Trauma Patient*.  
Poster: American Association for the Surgery of Trauma, 1999.
7. Stafford RE, **Toeves CC**, Abrams J, Baker C, and Rutherford EJ. 2003. *Utility of Central Line Change and Culture in Patients with Suspected Catheter Related Bloodstream Infection*.  
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8. **Toeves CC** and Rutherford EJ. 2003. *Routine Chest X-ray for Pneumothorax not Indicated after Percutaneous Tracheostomy*.  
Poster: Society of Critical Care Medicine, 2003.
9. Hamilton JH, Tee LY, Calcote LH, Brock M, **Toeves C**, Hogg G, Blake R, Schmieg R, Timberlake G, and McDaniel DO. 2004. *Genetic Markers for Evaluation of SICU Patients at Risk of Septic Complications*.  
Presented (Hamilton): The 2nd Annual Dean's 2004 Summer Research Fellowship Presentations. UMMC, Jackson MS. August 2004.
10. Hamilton JH, Tee LY, Calcote LH, Brock M, **Toeves C**, Hogg G, Blake R, Schmieg R, Timberlake G, and McDaniel OD. 2005. *Genetic Markers for Evaluation of SICU Patients at Risk of Septic Complications*.  
Presented (Hamilton): Mississippi Academy of Sciences, February, 2005.
11. McDaniel DO, Tee LY, **Toeves C**, Brock M, Vick K, Schmieg R, and Timberlake G. 2005. *Expression Profile of Cytokines and Toll-like Receptor Signaling Pathways of Trauma Patients at Risk of Septic Complications*.

**Christine C Toevs MD, MA (Bioethics), FACS, FCCM**

Presented (McDaniel): Functional Genomics of Critical Illness and Injury.  
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12. Jackson WD and **Toevs C**. 2005. *Delayed Splenic Rupture*.  
Presented (Jackson): UMC Department of Surgery PGY-3 Research Symposium, May 2005.
13. Vick KD, McDaniel DO, Timberlake GA, and **Toevs CC**. 2005. *Gene Profile Analysis and Outcome in Trauma Patients at Risk of Sepsis*.  
Presented (Vick): The James D. Hardy Surgical Forum, Jackson, MS, June 2005.
14. Parks J and **Toevs C**. 2005. *Retrospective Review of Peripheral Vascular Injuries at a Level 1 Trauma Center*.  
Presented (Parks): The Dean's 2005 Summer Research Fellowship Program, UMMC, Jackson, MS, July 2005.
15. Murphree J and **Toevs C**. 2005. *Retrospective Review of Blunt and Penetrating Pancreatic Injuries at a Level 1 Trauma Center*.  
Presented (Murphree): The Dean's 2005 Summer Research Fellowship Program, UMMC, Jackson, MS, July 2005.
16. **Toevs C**, Hamilton J, Lee Y, Brock M, Timberlake G, and McDaniel O. 2005. *Molecular Analysis of Inflammatory Markers in Trauma Patients at Risk of Post-Injury Complications*.  
Presented (Toevs): American Association for the Surgery of Trauma, 2005.
17. McDaniel O, Tee L, Vick K, **Toevs C**, Calcote L, and Timberlake G. 2005. *Expression Profile of Cytokines and Toll-like Receptor Signaling Pathways in Trauma*.  
Presented (McDaniel): American Society for Histocompatibility and Immunogenetics, 2005.
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Poster: Society of Critical Care Medicine, 2006.
19. Harraway N, Simmons J, Burgdorf M, Schmieg R, Simeone A, **Toevs C**, Timberlake G, and Duchesne J. 2006. *Role for Secondary Thoracic Ultrasound in Patients with Cardiac Box Injury: Case Report and Review of the Literature*.  
Poster: Southeastern Surgical Society, 2006.
20. Ghosheh B, Schmieg R, Simeone A, **Toevs C**, Timberlake G, and Duchesne J. 2006. *Cecal Diverticulitis: Therapeutic Options*.  
Poster: Southeastern Surgical Society, 2006.
21. Duchesne J, Thacker P, Timberlake G, Simmons J, Schmieg R, Simeone A, Islam S, Oliver J, and **Toevs C**. 2006. *Current Evidence Based Medicine Guidelines for Factor VII Use: The Good, the Bad, and the Ugly*.  
Poster: Southeastern Surgical Society, 2006.
22. Harraway N, Simmons J, Oliver J, Timberlake G, Islam S, Schmieg R, Simeone A, and **Toevs C**. 2006. *Non-Operative Management of Blunt Renal Trauma: Predictors of Failure*.  
Poster: Southeastern Surgical Society, 2006.
23. Duchesne J, Olivier J, Islam S, Schmieg R, Simeone A, Simmons J, **Toevs C**, Timberlake G, and Turner W. 2006. *Disappearance of Traumatic Splenectomy: Impact on Surgical Residency Training*.  
Presented (Turner): Southwestern Surgical Society, 2006.
24. Newsome D, **Toevs C**, and McDaniel O. 2006. *Posttrauma Induced Systemic Inflammatory Response Genes*.  
Presented (Newsome): 11<sup>th</sup> Annual School of Health Related Professions Research Day, Jackson, MS, 2006.
25. Duchesne J, Timberlake G, Schmieg R, Simeone A, Islam S, Oliver J, and **Toevs C**. 2006. *Historical Perspective of Splenic Artery Embolization on Patient Outcomes*.  
Presented (Duchesne): American Association for the Surgery of Trauma, 2006.
26. Duchesne J, Timberlake G, Schmieg R, Simeone A, Islam S, Oliver J, and **Toevs C**. 2006. *Selective Non-operative Management of Low Grade Blunt Pancreatic Injury: Are We There Yet?*  
Poster: American Association for the Surgery of Trauma, 2006.
27. Duchesne J, Timberlake G, Simmons J, Parks J, Schmieg R, Islam S, and **Toevs C**. 2006. *Weight of Obesity on Lower Extremity Vascular Injuries*.  
Poster: American Association for the Surgery of Trauma, 2006.
28. McDaniel O and **Toevs C**. 2006. *Cross-sectional Analysis of Cytokines, DRB1, KIRs and TLRs to Predict Outcome of Trauma Induced Clinical Complications*.  
Poster: 32<sup>nd</sup> Annual ASHI Meeting, 2006.
29. Duchesne JC, Kyle A, Islam S, Oliver J, Schmieg R, **Toevs C**, Simeone A, Simmons J, and Timberlake G. 2007. *Impact of Telemedicine Upon Rural Trauma Care*.  
Presented (Duchesne): Eastern Association for the Surgery of Trauma, 2007.



**Christine C Toeves MD, MA (Bioethics), FACS, FCCM**

30. Rossini J and **Toeves C**. *Characteristics and Outcomes of Elderly Trauma Patients Treated at Carilion Clinic*.  
Presented (Refinetti): American College of Surgeons Committee on Trauma,  
Resident Paper Competition, Regional, Roanoke, VA, October 25, 2008
31. Manos G, Henderson R, and **Toeves C**. 2008. *Does Epoetin Alfa Decrease Mortality in the Critically Ill Trauma Population?*  
Presented (Manos): American College of Surgeons Committee on Trauma,  
Resident Paper Competition, Regional, Roanoke, VA, October 25, 2008, 2<sup>nd</sup> place.  
Poster: Society Critical Care Medicine, 2009.  
Presented (Manos): Virginia Chapter American College of Surgeons, April 2009.
32. Refinetti A and **Toeves C**. 2008. *Saline versus Albumin: Fluid Resuscitation Choice in Severe Traumatic Brain Injury*.  
Presented (Refinetti): American College of Surgeons Committee on Trauma,  
Resident Paper Competition, Regional, Roanoke, VA, October 25, 2008.  
Poster: Society Critical Care Medicine, 2009.
33. Swanson R, Rossini J, and **Toeves C**. 2008. *Characteristics and Outcomes of Elderly Trauma Patients Treated at Carilion Clinic*.  
Presented (Swanson): American College of Surgeons Committee on Trauma,  
Resident Paper Competition, Regional, Roanoke, VA, October 25, 2008.  
Poster: Southeastern Surgical Congress, 2009.
34. Zamora A and **Toeves C**. 2008. *Seasonal Variation of Trauma Admissions and Consults at a Level I Trauma Center*.  
Presented (Zamora): American College of Surgeons Committee on Trauma,  
Resident Paper Competition, Regional, Roanoke, VA, October 25, 2008.  
Poster: Southeastern Surgical Congress, 2009.
35. Henderson K and **Toeves C**. 2009. *The Effect of Obesity on Functional Outcome After Blunt Trauma*.  
Poster: Society Critical Care Medicine, 2009.  
Poster: Carilion Clinic Research Day, 2009.
36. Mihalik J and **Toeves C**. 2009. *C Difficile Colitis in ICU Patients on Proton Pump Inhibitors: Is There Association with Increased Length of Stay and Disposition?*  
Poster: Carilion Clinic Research Day, 2009.  
Poster: Southeastern Surgical Congress, 2010.
37. Manos G and **Toeves C**. 2009. *What is the Rate of Swallowing Disorders Following Tracheostomy Placement in the Trauma Population?*  
Poster: Carilion Clinic Research Day, 2009.
38. Fowlkes J, and **Toeves C**. 2009. *Does Being MRSA Positive on Admission Increase the Risk of Developing Subsequent MRSA Infections While Hospitalized?*  
Poster: Carilion Clinic Research Day, 2009.
39. Jenkins T and **Toeves C**. 2009 *Time Limiting Determinations in Evaluating 30 Day Amputation Occurrences Following Traumatic Peripheral Vascular Injury*.  
Poster: Carilion Clinic Research Day, 2009.
40. Harvey E, Philp A, Refinetti A, Henderson K, Hoffman J, Booth K, Robertson K, Furrow K, Eiden W, Flinchum M, Bittle D, Perry M, and **Toeves C**. 2009. *Time to Wake Up in the Morning: An Evaluation of the Impact of Education and Daily Reinforcement on Ventilator Associated Pneumonia Bundle Compliance in Surgical Intensive Care Settings*.  
Poster: Carilion Clinic Research Day, 2009.
38. Klepzig D, Putnam T, Capella J, Gilbert J, Philp A, **Toeves C**, Smith S, Harvey E, Pennington D, Hodges L, Ranson S, and ReMine S. 2009. *Advanced Surgical and Critical Care Procedures in Light Limited Conditions: Proof of Concept and Implementation of a Resident Training Program*.  
Poster: Carilion Clinic Research Day, 2009.
39. Mihalik J, Krupka L, Davenport R, Tucker L, **Toeves C**, and Smith R. 2009. *The Rate of Imaging-Histologic Discordance of Benign Breast Disease: A Multidisciplinary Approach to the Management of Discordance at a Large University-Based Hospital*.  
Presentation (Mihalik): Midwest Surgical Congress, 2009.
40. Putnam A, Capella J, Gilbert C, Philp A, **Toeves C**, Smith R, ReMine S, Dahlgren L, Hatfield C, and Ranson S. 2009. *Surgical Teamwork in Austere, Light-Limited Conditions: Development of an Emergency Surgery Protocol Using Night Vision Goggles*.  
Poster: American College of Surgeons, 2009.
41. Refinetti A, Harvey E, Philp A, and **Toeves C**. 2010. *Evaluation of Education and Daily Reinforcement on VAP Bundle Compliance in Surgical ICUs*.  
Poster: Southeastern Surgical Congress, 2010.

# Christine C Toevs MD, MA (Bioethics), FACS, FCCM

42. Moore C and **Toevs C**. 2010. *Does Use of Intra-Operative Irrigation with Open or Laparoscopic Appendectomy Reduce Post-Operative Intra-Abdominal Abscess?*  
Poster: Carilion Clinic Research Day, 2009  
Presented (Moore): Southeastern Surgical Congress, 2010.
42. Harvey EM, Booth K, Robertson K, Eiden W, Hundley D, Hoffman J, Henderson K, Philp A, and **Toevs C**. 2010. *Time to Wake Up in the Morning: A Ventilator-Associated Pneumonia (VAP) Quality Project*.  
Poster: Sigma Theta Tau International 2010 Region 13 2<sup>nd</sup> Annual Conference, Roanoke, April 2010.
43. Rittenhouse-Puhak J and **Toevs C**. 2012. *The Aging Trauma Population*.  
Presented (Rittenhouse-Puhak): Pennsylvania Chapter ACS COT, Harrisburg, PA, October 2012.
44. Rittenhouse-Puhak J, Philp F, Yenugadhati V, Philp A, Jeremitsky E, and **Toevs C**. 2013. *Outcomes of Geriatric Trauma ICU Admission*.  
Poster: Society Critical Care Medicine, 2013.
45. Rittenhouse-Puhak J, Philp F, Yenugadhati V, Philp A, Jeremitsky E, and **Toevs C**. 2013. *The Changing Nature of Trauma*.  
Poster: Southeastern Surgical Congress, 2013.
46. Rittenhouse-Puhak J and **Toevs C**. 2013. *An Investigation of Geriatric Trauma Patients at AGH: Outcomes and Post-Discharge Survival Rates*.  
Presented (Rittenhouse-Puhak): WPAHS Surgery Resident Research Day, April 30, 2013.
47. Rittenhouse-Puhak J, Philp P, Philp A, Jeremitsky E, Irvin C, and **Toevs C**. 2013. *Minor Traumatic Injury in Geriatric Population – Not so Minor After All*.  
Poster: American Association for the Surgery of Trauma, 2013.
48. Rittenhouse-Puhak J, Philp F, Philp A, and **Toevs C**. 2014. *Redefining "Geriatric" Trauma: Is 80 the New 65?*  
Presented (Toevs): Society of Critical Care Medicine, San Francisco, January 2014.  
Winner: SCCM Burn/Trauma Specialty Award 2014.
49. Kriley I, Moraca R, and **Toevs C**. 2014. *Venovenous (VV) Extracorporeal Membrane Oxygenation (ECMO) for Trauma Patients at Allegheny General Hospital*.  
Presented (Kriley): WPAHS Surgery Resident Research Day, April 29, 2014.
50. Leung B and **Toevs C**. 2014. *Traumatic Lower Extremity Injuries: A 10-Year Review of Limb Salvage and Amputation Outcomes*.  
Presented (Leung): WPAHS Surgery Resident Research Day, April 29, 2014.  
First Place Winner, Best Research Project.  
Presented (Leung): 22nd Annual PaCOT/PTSF Fall Conference & Meeting, Harrisburg, PA, October 23, 2014.
51. **Toevs C** and Philp F. *The Benefit of Palliative Medicine in Trauma*.  
Presented (Toevs): American College of Surgeons, San Francisco, October 2014.
52. Kriley I, Moraca R, Philp A, Philp F, and **Toevs C**. *The Use of Venovenous Extracorporeal Membrane Oxygenation (VV ECMO) in Trauma Patients*.  
Poster: Southeastern Surgical Association, 2015.
53. Mancini S, Angelo J, Peckler Z, Philp F, Farah K, and **Toevs C**. *Pyloroplasty for Gastroparesis*.  
Presented (Mancini): Southeastern Surgical Association, 2015.
54. Phung ETN, Hebert, R, Chow E, Toevs C. *Does the Palliative Performance Scale Score Correlate with Mortality in the Geriatric Trauma Population?*  
Poster: American Geriatrics Society, 2015.  
Poster: Allegheny Health Network Resident and Fellow Scholarly Activities Poster Competition Clinical Research, Second Prize, May 2015.

## Moderator

<i>Geriatrics in the ICU: Old, New, Black and Blue</i> , Society Critical Care Medicine	January 2015
<i>Resuscitating in Austere Environments</i> , Society of Critical Care Medicine	January 2014
<i>When the Patient Lacks Capacity</i> , Society of Critical Care Medicine	January 2014
<i>Year in Surgery: 2012</i> , Society of Critical Care Medicine	February 2012
Poster Session Moderator	
American College of Surgeons	2009
Society Critical Care Medicine	2009, 2010, 2013, 2014, 2015
Southeastern Surgical Congress	2004, 2010, 2013, 2015
Mississippi Trauma Symposium, Tunica, MS	February 2006
Cutting Edge Bioethics: Human Life on the Line, Panel Discussion, Dallas	April 2005
Discussant, <i>Laparoscopic Resection of Synchronous Pheochromocytoma and Renal Cell Carcinoma</i>	February 2004
Southeastern Surgical Congress	

## Christine C Toevs MD, MA (Bioethics), FACS, FCCM

### Research Awards

Evaluation of Genetic Markers in Surgical Patients at Risk of Septic Complications  
University of Mississippi Intramural Research Support Committee  
11-1-03 to 10-31-04, \$11,000. C Toevs, PI, and Olga McDaniel, PhD

### Medical School and Undergraduate Research

*Studies of Experimentally-Induced Neuronal Degeneration Utilizing Histopathological Stains for Degenerating Neurons*

Summer Research, 1989, ECU-SOM

Presented, ECU-SOM Student Research Day, 1989

*Human-PC Simulation of the Artificial Heart*

Honors Research Thesis, University of North Carolina-Charlotte, 1986-87

Defended, 1987

### Presentations

#### International

Mongolian- American Joint Medical Symposium, Mongolia

*Breaking Bad News*

September 15, 2014

*The Role of Palliative Care in Cancer*

September 15, 2014

Good Acts Society, Ethics Conference, Ulaanbaatar, Mongolia

*Informed Consent*

April 20, 2013

Erdenet Mining Corporation Seminar, Erdenet, Mongolia

April 17, 2013

*Blunt Abdominal Trauma*

*Burns*

*Professionalism*

*Traumatic Brain Injury*

*Penetrating Trauma*

*Hospital Quality Improvement*

The National Central Hospital, Central Clinic Hospital #1, Ulaanbaatar, Mongolia

*Chronic Pancreatitis*

April 21, 2010

*Necrotizing Infections*

April 21, 2010

*Gastric Surgery*

April 20, 2010

*Biliary Injuries and Benign Strictures*

April 20, 2010

*Pancreatic Surgery*

April 20, 2010

Chingeltei District Health Unit, Ulaanbaatar, Mongolia

*Minor Surgical Procedures*

April 19, 2010

National Trauma and Orthopedic Research Center, Ulaanbaatar, Mongolia

*Pelvic Fracture*

September 22, 2011

*Abdominal Trauma*

September 21, 2011

*Traumatic Brain Injury*

September 21, 2011

*Penetrating Cardiac Trauma*

September 20, 2011

*FAST Exam*

September 20, 2011

*Chest Trauma*

September 20, 2011

*Extremity Trauma*

September 19, 2011

*Endpoints of Resuscitation*

April 15, 2010

*Emergency Cricothyroidotomy*

April 14, 2010

*Extremity Trauma and Compartment Syndrome*

April 14, 2010

*Adult Respiratory Distress Syndrome*

April 13, 2010

*Abdominal Trauma*

April 12, 2010

Karl Huesner Memorial Hospital, Belize City, Belize

*Optimal Treatment of the Injured Patient*

May 18, 2007

Northern Regional Hospital, Orange Walk, Belize

*Chest Trauma*

May 19, 2006

*Abdominal Trauma*

May 19, 2006

*Traumatic Brain Injury*

May 18, 2006

*Initial Evaluation of the Injured Patient*

May 18, 2006

*Acute Abdomen*

May 24, 2005

*Evaluation and Treatment of the Burn Patient*

May 24, 2005

*Optimal Treatment of the Injured a Patient*

May 24, 2005

*Head Injuries in Trauma*

May 24, 2005

**Christine C Toevs MD, MA (Bioethics), FACS, FCCM**

Northern Regional Hospital, Care of the Trauma Patient Conference, Orange Walk, Belize  
*Optimal Treatment of the Injured Patient* May 7, 2004  
*Chest Trauma* May 7, 2004  
*Abdominal Trauma* May 7, 2004

**National**

American Academy of Hospice and Palliative Medicine (AAHPM)  
*"Why Won't You Let Me Die?" Surgery, Palliative Care, and the 30-Day Rule*  
New Orleans March 15, 2013

American College of Surgeons (ACS)  
*Ethics; Surgical Critical Care Board Review*, Chicago September 30, 2012  
*Trach and PEG: Utilizing Prognostication Scales for Tailoring Interventions in the ICU;*  
*The ICU to Nowhere: Chronic Illness after Surgery*  
Chicago October 2, 2012

*Ultrasound Course for Residents: Vascular Access, Presentation and Module*  
San Francisco October 23, 2011  
Washington October 3, 2010  
Chicago October 11, 2009  
San Francisco October 12, 2008

*The Expanding Use of Ultrasound in Acute Care Surgery: Vascular Access and Ultrasound*  
San Francisco October 16, 2008

American Association for the Surgery of Trauma (AAST)  
*Molecular Analysis of Inflammatory Markers in Trauma Patients at Risk of Post-Injury Complications*  
Atlanta September 2005

The Center for Bioethics and Human Dignity (CBHD)  
*The Ethics of Organ Preservation*, Deerfield, IL July 19, 2013  
*The Changing Definition of Death*, Deerfield, IL July 13, 2012  
*The Ethics of Proposals to Increase Organ Procurement*  
Deerfield, IL July 15, 2011

Christian Medical and Dental Association (CMDA)  
*Ethical Issues in the ICU*, Green Lake, WI April 26, 2014

Eastern Association for the Surgery of Trauma (EAST)  
*Current Surgeon-Centric Workforce Paradigms*  
Orlando January 11, 2012

Society of Critical Care Medicine (SCCM)  
*Palliative Care: At the Far Edge of Life*  
Phoenix January 21, 2015  
*Frequent Flier in the ICU: When is Enough Enough?*  
Phoenix January 19, 2015

*ICU Procedures and Modifiers, Update in Billing and Coding in 2015*  
Phoenix January 17, 2015

*The Ethics of Triage: Should We Leave You Behind? Resuscitating in Austere Environments*  
San Francisco January 12, 2014

*Changing Definition of Death, Panel Discussion*  
San Francisco January 10, 2014

*New 100k Therapeutics are Worth the Cost Pro – Con*  
San Juan January 21, 2013

*ICU Procedures and Modifiers, Update in Billing and Coding in 2013*  
San Juan January 19, 2013

*Palliative Medicine in the ICU, Current Concepts in Adult Critical Care Course*  
San Juan January 18, 2013  
Houston February 4, 2012

*Surgical and Hospital Coding and Billing, Update in Billing and Coding in 2011*  
San Diego January 15, 2011

Support Organization for Trisomy 18, 13 and Related Disorders (SOFT)  
*Surgical Ethics*, Roanoke, VA July 24, 2009

## Christine C Toeves MD, MA (Bioethics), FACS, FCCM

### Regional

Clarion EMS Symposium, Clarion, PA	November 7, 2014
Grove City Medical Center Medical Staff, Grove City, PA	June 26, 2014
<i>Geriatric Trauma</i>	
Emergency Medical Service Institute, EMS Update, Seven Springs	
<i>Geriatric Trauma</i>	March 27, 2014
<i>Geriatric Trauma</i>	March 21, 2013
<i>Geriatric Trauma</i>	March 22, 2012
Emergency Medical Management Cooperative (EMMCO) West, Symposium 2012	
<i>Cutting Edge Trauma</i> , Erie, PA	April 13, 2012
Mississippi Coastal Trauma Care Region, 19 <sup>th</sup> Annual Trauma Symposium, Biloxi, MS	
<i>Blunt Abdominal Trauma</i>	April 21, 2011
Stonewall Jackson Hospital Medical Staff, Lexington, VA	
<i>Ethics and the End of Life</i>	September 9, 2009
Stonewall Jackson Hospital Ethics Committee, Lexington, VA	
<i>End of Life Issues</i>	March 10, 2009
Diversity and End-of-Life Care Teleconference, Roanoke, VA	
<i>Panelist, Hospice Foundation of America</i>	April 29, 2009
Edward Via Virginia College of Osteopathic Medicine, Christian Medical and Dental Association	
<i>Coping with Patient Deaths</i> , Blacksburg, VA	February 25, 2009
Association for Professionals in Infection Control and Epidemiology, Virginia Chapter, Lynchburg, VA	
<i>Ventilator Associated Pneumonia</i>	September 25, 2008
Edward Via Virginia College of Osteopathic Medicine, Student Osteopathic Surgical Association (SOSA)	
<i>A Day in the Life of a Surgery Resident</i> , Blacksburg, VA	September 9, 2008
EMT-I Class, Roanoke Regional Training Center, Roanoke, VA	
<i>Blunt Trauma</i>	August 19, 2008
<i>Hemorrhage and Shock</i>	August 22, 2008
Carilion New River Valley Trauma Symposium, Christiansburg, VA	
<i>Penetrating Trauma</i>	June 27, 2008
<i>Burns</i>	June 27, 2008
Starpoints, Blacksburg, VA	
<i>Cutting Edge Trauma</i>	April 12, 2008
Extreme Trauma Symposium, Roanoke, VA	
<i>Trauma and Obesity – A Deadly Combination</i>	December 8, 2008
<i>Trauma Smack down</i>	December 8, 2008
<i>Endpoints of Resuscitation</i>	December 10, 2007
<i>Trauma Difficult Cases Panel</i>	December 10, 2007
Jackson Area Critical Care Consortium	
<i>The Role and Prevention of Hypothermia in Trauma</i>	Nov 10, 2006
Central Mississippi Emergency Medical Services District	
<i>Hypothermia</i>	July 5, 2006
Mississippi Coastal Trauma Care Region Annual Symposium, Ocean Springs, MS	
<i>Penetrating Cardiac Injury</i>	May 3, 2007
<i>Fluid Resuscitation in Trauma</i>	May 3, 2007
<i>Traumatic Brain Injury</i>	May 4, 2006
<i>Hypothermia</i>	May 4, 2006
Mississippi Trauma Symposium 2006, Tunica, MS	
<i>ARDS in Trauma</i>	February 23, 2006
<i>Hypothermia</i>	February 23, 2006
Mississippi Hospital Association, Disaster Response and Burn Trauma Conference, Jackson, MS	
<i>Treatment Protocols of the Burn Victim</i>	April 26, 2005
Mississippi Trauma Care System Symposium, Biloxi, MS	
<i>Endpoints of Resuscitation</i>	February 24, 2005
Baptist Memorial Hospital Golden Triangle, Columbus, MS	
<i>Hypothermia and Trauma</i>	October 22, 2004
Medical Surgical Nursing Conference: Making a Difference in the Lives of Many, Jackson, MS	
<i>The ABC's of Trauma Care</i>	September 10, 2004
Emergency Nurses Association, Greater Jackson Area Chapter	
<i>Traumatic Brain Injury</i>	August 25, 2004
Mississippi State Medical Association, Medical Affairs Forum	
<i>Trauma Update 2004</i>	June 5, 2004

## Christine C Toevs MD, MA (Bioethics), FACS, FCCM

Air Care Fall Conference, Jackson, MS	
<i>Fluid Resuscitation</i>	November 5, 2004
<i>Chest and C-spine X-ray Interpretation</i>	November 5, 2004
<i>Penetrating Cardiac Injuries</i>	October 24, 2003
The James D. Hardy Society, Jackson, MS	
<i>Paradoxical Embolism</i>	October 3, 2003
<b>Local</b>	
Petrolia EMS, Petrolia, PA	
<i>Geriatric Trauma</i>	March 26, 2014
Butler Community College, Butler, PA	
<i>Palliative Medicine</i>	November 14, 2012
Freeport EMS, Freeport, PA	
<i>Interesting Trauma Cases</i>	October 8, 2012
East Butler Volunteer Fire Department, Butler, PA	
<i>Cutting Edge Trauma</i>	April 9, 2012
Allegheny Ludlum EMS, Brackenridge, PA	
<i>Penetrating Trauma</i>	March 12, 2012
Valley EMS, Moon Township, PA	
<i>Hypothermia</i>	January 31, 2012
Beaver Valley EMS, Chippewa, PA	
<i>Hypothermia</i>	January 25, 2012
Butler EMS, Butler, PA	
<i>Geriatric Trauma</i>	October 20, 2011
Monroeville EMS, Monroeville, PA	
<i>Geriatric Trauma</i>	July 13, 2011
Bioethics Symposium, St John Lutheran Church, Roanoke, VA	
<i>Advance Directives</i>	May 27, 2009
<i>End of Life Issues</i>	May 20, 2009
<i>Physician Assisted Suicide</i>	May 13, 2009
<i>Enhancement Technologies</i>	May 6, 2009
<i>Cloning and Reproductive Technologies</i>	April 29, 2009
<i>Stem Cells</i>	April 22, 2009
Bioethics Symposium, Covenant Presbyterian Church, Jackson, MS	
<i>Health Care Rationing</i>	April 11, 2007
<i>Advance Directives</i>	March 21, 2007
<i>End of Life Issues</i>	March 7, 2007
<i>Physician Assisted Suicide</i>	February 28, 2007
<i>Enhancement Technologies</i>	February 7, 2007
<i>Cloning and Reproductive Technologies</i>	January 31, 2007
<i>Stem Cells</i>	January 24, 2007
Bioethics Symposium, Briarwood Presbyterian Church, Jackson, MS	
<i>Advance Directives</i>	March 22, 2006
<i>End of Life Issues</i>	March 15, 2006
<i>Physician Assisted Suicide</i>	March 8, 2006
<i>Enhancement Technologies</i>	February 15, 2006
<i>Cloning and Reproductive Technologies</i>	February 8, 2006
<i>Stem Cells</i>	February 1, 2006
Trauma Grand Rounds, Tampa General Hospital, Tampa, FL	
<i>Venous Thromboembolism</i>	November 28, 2001
Grand Rounds, Department of Surgery, University of Minnesota, Minneapolis, MN	
<i>Endovascular Repair of AAA</i>	April 2001
<i>Duodenal Adenoma</i>	January 2001
<i>Vascular Tumors</i>	January 2001
<i>Cervical Cancer</i>	January 2001
<i>Radiofrequency Ablation for Hepatic Tumors</i>	December 2000
<i>Hypercoagulable States in Cancer</i>	November 2000
<i>Hyperplastic Gastric Polyps</i>	November 2000
<i>Pancreatic Mucinous Tumors</i>	November 2000
<i>Marfan Syndrome and AAA</i>	October 2000
<i>Adrenocortical Carcinoma</i>	August 2000

## **Christine C Toevs MD, MA (Bioethics), FACS, FCCM**

<i>Pancreatic Cancer</i>	July 2000
<i>Sentinel Node for Colon Cancer</i>	February 2000
<i>Toxic Epidermal Necrolysis</i>	October 1999
<i>Hirschsprung's Disease</i>	August 1999
<i>Clinically Unsuspected Pheochromocytomas</i>	August 1995
Surgical Infectious Disease Conference, University of Minnesota, Minneapolis, MN	
<i>Pertussis: Exposure</i>	June 1998
<i>Tuberculosis: An Update</i>	August 1997
Surgical Neurology Branch Clinical Conference, National Institutes of Health, Bethesda, MD	
<i>Carotid Disease and the N.A. Carotid Endarterectomy Trial</i>	February 1995
<i>Evaluation of Aphasias in the Neurosurgical Patient</i>	August 1994
<i>Pharmacological Therapy in Spinal Cord Injury</i>	April 1994
<i>Stereotactic Biopsy of Brain Lesions in the HIV Positive Patient</i>	Oct 1993

## **Allegheny General Hospital, Pittsburgh, PA**

Internal Medicine Noon Lecture Series	
<i>Consult from the Surgeon</i>	October 15, 2013
<i>Evaluation of Abdominal Pain</i>	September 24, 2013
Neurosciences Grand Rounds	
<i>The ICU and Palliative Medicine</i>	November 9, 2011
Palliative Care Interest Group	
<i>Surgical Palliative Care</i>	August 16, 2011
Acute Care Surgery Conference	
<i>Spinal Cord Injury</i>	August 28, 2014
<i>ICU Procedures</i>	July 22, 2014
<i>Traumatic Brain Injury</i>	July 3, 2014
<i>VTE</i>	June 5, 2014
<i>ICU Outcomes</i>	May 29, 2014
<i>Traumatic Brain Injury</i>	April 17, 2014
<i>Aspiration Pneumonitis and Pneumonia</i>	March 6, 2014
<i>Daily Labs and CXR</i>	February 27, 2014
<i>Sepsis</i>	February 13, 2014
<i>Acid-Base Balance</i>	January 23, 2014
<i>Surgical Critical Care Potpourri</i>	January 16, 2014
<i>Liver Failure in the ICU</i>	November 21, 2013
<i>Acute Lung Injury</i>	October 31, 2013
<i>Surgical Infections</i>	October 24, 2013
<i>VTE in Critical Care</i>	October 17, 2013
<i>Endocrine in the ICU</i>	September 13, 2013
<i>Surgical Nutrition</i>	September 6, 2013
<i>Mechanical Ventilation</i>	July 11, 2013
<i>Clotting Disorders</i>	June 27, 2013
<i>Albumin in ICU and Case Scenarios</i>	June 20, 2013
<i>ICU Outcomes and Chronic Critical Illness</i>	June 13, 2013
<i>Surgical Critical Care Potpourri</i>	June 6, 2013
<i>Acid-Base Balance</i>	May 23, 2013
<i>ICU Procedures</i>	May 2, 2013
<i>Surgical Infections</i>	April 4, 2013
<i>Endocrine in the ICU</i>	January 10, 2013
<i>Aspiration Pneumonitis and Pneumonia</i>	November 15, 2012
<i>Nutrition</i>	September 13, 2012
<i>Sepsis</i>	August 9, 2012
<i>Surgical Infections</i>	June 7, 2012
<i>Ethics and End-of-Life</i>	May 17, 2012
<i>VTE in Critical Care</i>	April 12, 2012
<i>Cardiac Echo in the ICU</i>	March 29, 2012
<i>ARDS</i>	January 5, 2012
<i>Sepsis</i>	December 15, 2011
<i>Hepatic Failure</i>	October 20, 2011
<i>Thoracic and Chest Wall Injuries</i>	September 15, 2011
<i>Spinal Cord Injury</i>	August 25, 2011

**Christine C Toevs MD, MA (Bioethics), FACS, FCCM**

<i>Mechanical Ventilation</i>	August 18, 2011
<i>Acid Base Disorders</i>	July 21, 2011
Trauma Summer Salsa Nursing Education	
<i>Geriatric Trauma</i>	July 18, 2013, July 30, 2014
<i>Management of Traumatic Brain Injury</i>	July 9, 2012, July 31, 2012
<i>Endpoints of Resuscitation</i>	July 14, 2011, July 25, 2011
Anesthesia Grand Rounds	
<i>Endpoints of Resuscitation</i>	June 21, 2011
Tumor Board	
<i>Surgical Palliative Care</i>	May 23, 2011
Surgery Grand Rounds	
<i>Ethics of Research in Trauma Patients</i>	September 9, 2014
<i>Ethics of Cognitive Enhancement of Surgeons</i>	March 5, 2013
<i>Surgical Palliative Care</i>	January 8, 2013
<i>Informed Consent</i>	February 14, 2012
<i>Endpoints of Resuscitation</i>	March 8, 2011
Nursing In-service, OR	
<i>Burns</i>	July 1, 2014
<i>Pediatric Trauma</i>	June 17, 2014
<i>Trauma and Obesity</i>	May 27, 2014
<i>Blunt Abdominal Trauma</i>	May 13, 2014
<i>Geriatric Trauma</i>	April 22, 2014
<i>Pediatric Trauma</i>	September 12, 2012
<i>Trauma and Obesity</i>	July 10, 2012
<i>Cutting Edge Trauma</i>	June 5, 2012
<i>Pediatric Trauma Part 2</i>	September 6, 2011
<i>Pediatric Trauma Part 1</i>	August 30, 2011
<i>Penetrating Trauma</i>	August 9, 2011
<i>Trauma and Obesity</i>	July 26, 2011
Nursing In-service, TICU	
<i>Strokes in Trauma Patients</i>	July 1, 2014
<i>Coagulopathy</i>	April 23, 2014
<i>Choosing Wisely Campaign</i>	March 5, 2014
<i>Rhabdomyolysis</i>	February 6, 2014
<i>Alcohol Withdraw Syndrome</i>	January 8, 2014
<i>Abdominal Compartment Syndrome</i>	December 11, 2013
<i>Pain and Sedation</i>	November 20, 2013
<i>Blunt Abdominal Trauma</i>	October 21, 2013
<i>VATS</i>	October 11, 2013
<i>Sepsis</i>	September 24, 2013
<i>ARDS</i>	September 11, 2013
<i>Trauma Outcomes</i>	July 18, 2012
<i>Hypertonic Saline</i>	July 3, 2012
<i>C-spine Injuries</i>	June 29, 2012
<i>Crush Injury</i>	May 4, 2012
<i>Traumatic Brain Injury</i>	January 4, 2012, March 28, 2012, March 30, 2012
<i>Spinal Cord Injury</i>	December 28, 2011
<i>Coagulopathy</i>	December 21, 2011
<i>Pediatric Spine Patients</i>	December 14, 2011
<i>Initial Trauma Resuscitation</i>	November 11, 2011
<i>Geriatric Trauma</i>	September 7, 2011
<i>Nutrition</i>	August 31, 2011
<i>ICU Outcomes</i>	August 17, 2011
<i>ICU Outcomes</i>	July 27, 2011
<i>Sedation in ICU</i>	July 13, 2011
<i>Albumin in Fluid Resuscitation</i>	July 8, 2011
<i>Daily CXRs and Labs</i>	July 6, 2011



**Christine C Toevs MD, MA (Bioethics), FACS, FCCM**

**Carilion Clinic, Roanoke, VA**

Medicine Grand Rounds  
*The Nancy Pugh Story: Patient Centered Care* April 17, 2009  
Conversations in Ethics  
*Allocation of Resources in Critical Care* December 4, 2008  
ACS Resident Ultrasound Course  
*Breast Lecture and Module* May 9, 2009  
*Breast Lecture and Module* November 22, 2008  
Neurotrauma Clinical Conference  
*Steroids in Spinal Cord Injury* October 21, 2008  
Department of Surgery Faculty Retreat  
*Didactic Teaching Methods* February 29, 2008  
Family Medicine Residency Program  
*Evaluation of Abdominal Pain* October 24, 2007  
Trauma Express, ICU, PCU and ED nurses  
*Ventilator Modes* April 17, 2008  
*Electrolytes* February 20, 2008  
*PA Catheters* January 28, 2008  
*Neck Trauma* November 19, 2007  
*Ethics in the ICU* November 12, 2007  
*Trauma 101* September 17, 2007  
Nursing In-service, NTICU  
*Delirium Tremens* May 22, 2008  
*Abdominal Compartment Syndrome* February 22, 2008  
*Aspiration Pneumonitis and Pneumonia* December 24, 2007

**University of Mississippi Medical Center, Jackson, MS**

Grand Rounds, Division of Urology, Department of Surgery  
*Critical Care for Urologists* February 5, 2007  
Advanced Level Trauma Course, Paramedic Students  
*Chest Trauma* January 31, 2007  
M2 Introduction to Clinical Medicine (ICM)  
*Breast Exam* January 30, 2006, January 8, 2007  
*Abdominal Exam* January 30, 2006, January 29, 2007  
M1 Clinical Correlation  
*Physiology: Small Bowel Obstruction, Volvulus and IBD* January 23, 2006, Nov 3, 2006  
*Physiology: Diverticulitis* January 20, 2006, November 3, 2006  
*Anatomy: Abdominal Anatomy and Disease* January 11, 2006  
*Physiology: Gallbladder Disease* November 17, 2004  
M1 and M2 Career Development Seminars  
*General Surgery* January 5, 2006, January 25, 2007  
Otolaryngology Resident Conference  
*End of Life Issues in Cancer Patients* April 8, 2005  
Grand Rounds, Department of Obstetrics and Gynecology  
*Massive Transfusion Protocol* August 31, 2004  
Grand Rounds, Air Care  
*Rhabdomyolysis* September 14, 2005  
*Fluid Resuscitation in Trauma Patients* July 7, 2004  
Critical Care Conference  
*Rhabdomyolysis* June 8, 2004  
Postmasters Acute Care Nurse Practitioner Course  
*ARDS, Mechanical Ventilation and Pulmonary Embolism* June 18, 2004  
*ARDS, Mechanical Ventilation and Pulmonary Embolism* Feb 6, 2004  
Grand Rounds, Department of Surgery, Division of General Surgery  
*Emergency Cricothyroidotomy* February 16, 2005  
*Informed Consent* December 1, 2004  
*Back to the Basics: Rural Surgery in a Third World Country* June 16, 2004  
*Ethics in the Intensive Care Unit* Dec 3, 2003  
Grand Rounds, ED Nursing  
*Massive Transfusion* June 17, 2004

# Christine C Toevs MD, MA (Bioethics), FACS, FCCM

Nursing In-service Presentation, OR/PACU	
<i>Massive Transfusion Protocol</i>	August 11, 2004
<i>Priorities in Trauma</i>	October 21, 2003
Nursing In-service Presentations, SICU	
<i>Fluid Resuscitation</i>	March 12, 2007
<i>Oxygen Delivery</i>	February 26, 2007
<i>Hemorrhagic Shock</i>	February 12, 2007
<i>Pathophysiology of Shock</i>	Jan 29, 2007
<i>Traumatic Brain Injury</i>	December 11, 2006
<i>Stroke</i>	December 4, 2006
<i>Coagulopathy</i>	November 27, 2006
<i>Venous Thromboembolism</i>	November 20, 2006
<i>Delirium Tremens</i>	October 23, 2006
<i>Intensive Glucose Monitoring</i>	October 2, 2006
<i>Enteral Nutrition</i>	September 11, 2006
<i>Endpoints of Resuscitation</i>	August 21, 2006
<i>Enteral Nutrition</i>	April 3, 2006
<i>Stroke</i>	December 19, 2005
<i>Liver Failure</i>	November 14, 2005
<i>Gastrointestinal Bleeding</i>	October 24, 2005
<i>Atrial Arrhythmias</i>	October 3, 2005
<i>Multidisciplinary Rounds</i>	September 12, 2006
<i>Sepsis</i>	August 8, 2005
<i>Cortisol Testing</i>	July 25, 2005
<i>PA Catheters</i>	June 27, 2005
<i>Enteral Feedings</i>	June 13, 2005
<i>Burns</i>	May 9, 2005
<i>Pathophysiology of Shock States</i>	April 18, 2005
<i>Aspiration Pneumonitis and Pneumonia</i>	April 4, 2005
<i>Coagulopathy</i>	March 21, 2005
<i>Ventilators</i>	March 14, 2005
<i>Daily Goals Sheet</i>	Feb 28, 2005
<i>Insulin Protocol</i>	Feb 7, 2005
<i>Interesting Cases</i>	February 3, 2005
<i>Interesting Cases</i>	January 31, 2005
<i>Delirium Tremens</i>	January 24, 2005
<i>Informed Consent</i>	December 13, 2004
<i>PA Catheters</i>	December 6, 2004
<i>Ethics, Part II</i>	November 29, 2004
<i>Ethics Part I</i>	November 16, 2004
<i>CXR and C-spine Films</i>	November 8, 2004
<i>DVT and PE</i>	October 25, 2004
<i>ARDS</i>	October 7, 2004
<i>Extremity Trauma</i>	September 27, 2004
<i>Hypothermia</i>	September 20, 2004
<i>Traumatic Brain Injury</i>	September 10, 2004
<i>Fluid Resuscitation in Trauma</i>	September 3, 2004
<i>Priorities in Trauma Patients</i>	August 23, 2004
<i>Abdominal Compartment Syndrome</i>	August 16, 2004
<i>Ventilators</i>	August 9, 2004
<i>Trauma Resuscitations</i>	May 18, 2004
<i>Trauma Resuscitations</i>	May 20, 2004
<i>Priorities in Trauma</i>	October 16, 2003
<i>Priorities in Trauma</i>	October 17, 2003
Grand Rounds, Department of Anesthesia	
<i>Massive Transfusion Protocol</i>	July 28, 2004
<i>Priorities in Trauma</i>	October 15, 2003
<i>Fluid Resuscitation in Trauma Patients</i>	December 2, 2003
Grand Rounds, Department of Emergency Medicine	
<i>Massive Transfusion Protocol</i>	July 6, 2004
<i>Penetrating Injuries, Evaluation and Management</i>	September 4, 2003

## Job Description

<b>Job Title:</b> Trauma Medical Director	<b>FLSA status:</b>
<b>Department:</b> Department of Surgery	<b>Reports to:</b> CEO
<b>Original Date:</b> 11/04/2014	<b>Date Reviewed/Revised:</b>

### I. Position summary:

The Trauma Medical Director is responsible for all aspects of the Trauma Program at THRH promoting a surgically lead and multidisciplinary approach to the care of the trauma patient. The Trauma Medical Director has the authority to affect all aspects of trauma care including, but not limited to: trauma call panel privileges, administrative duties, treatment protocols and policies, performance improvement and peer review, and preparation of the annual budget for the Trauma Program. Qualities of this individual reflect leadership, planning and implementation, performance improvement, and trauma care expertise.

### II. Qualifications

- The Trauma Medical Director is a physician member of the active medical staff of the hospital, in good standing with full and unrestricted privileges.
- The Trauma Medical Director is duly licensed to practice medicine in the state of Indiana.
- The Trauma Medical Director must be a current board-certified general surgeon, or a general surgeon eligible for certification by the American Board of Surgery according to current requirements, or a general surgeon who is an American College of Surgeons Fellow with a special interest in trauma care.
- The Trauma Medical Director demonstrates a work history of positive collegial relations with colleagues, support staff, hospital-based providers, administrators, and patients.
- The Trauma Medical Director must be currently board certified in surgical critical care.
- The Trauma Medical Director is dedicated to one trauma center.
- The Trauma Medical Director must maintain current Advanced Trauma Life Support (ATLS) certification; ATLS instructor preferred.
- The Trauma Medical Director must accrue an average of 16 hours annually or 48 hours in 3 years of verifiable external trauma related CME.
- Previous experience as a Trauma Medical Director as well as experience with pediatric trauma, state and/or regional trauma system development, and start-up of a new ACS Level I or II trauma program highly desired.

### III. Responsibilities

#### **A. Clinical**

- Oversees all aspects of the multidisciplinary care of injured patients who may be admitted to individual surgeons, from time of injury through discharge.
- Coordinates and provides input on the development and maintenance of practice guidelines, treatment protocols, policies, and methodologies for trauma medical/surgical patient care along with the trauma team.
- Demonstrates consistent, efficient, cost effective, and quality trauma medical/surgical care at all times.
- Maintains utilization of ancillaries and pharmacy costs within accepted managed care standards.
- Reports quality of care issues promptly to appropriate individuals, including Trauma Program Manager, Risk Manager, and Administration.
- Adheres to all Terre Haute Regional Hospital policies and procedures.
- Meets established health information and hospital standards for documentation and turnaround times.
- Chairs and attends a minimum of 50 percent of the multidisciplinary trauma peer review committee meetings.
- Makes appropriate referrals for specialty services and communicates regularly with referring physicians as appropriate.
- Manages patients in consultation with referring physicians and provides feedback regarding clinical care in the trauma region.
- Coordinates the transition of the patient to subacute care.
- Participates in trauma call.
- Is a member of the hospital's disaster committee.

#### **B. Communication**

- Collaborates with the Trauma Program Manager in establishing trauma program goals and objectives consistent with those of the hospital and ensures that those of the trauma service are being met.
- Consistently demonstrates positive interpersonal relationships with colleagues, hospital personnel, and patients/family in order to achieve maximum operational effectiveness and customer satisfaction.
- Works in cooperation with the nursing administration to support the nursing needs of trauma patients.

#### **C. Managerial**

- Has the authority to manage all aspects of trauma care.
- Serves as Director or Co-Director of the ICU
- Has the authority to authorize trauma service privileges of the on-call panel.
- Coordinates the performance improvement and peer review processes.
- Has the authority, in collaboration with the Trauma Program Manager, to correct deficiencies in trauma care and exclude from trauma call the trauma team members who do not meet specified criteria.
- Must perform an annual assessment of the trauma panel providers in the form of Ongoing Professional Practice Evaluation (OPPE) and Focused Professional Practice Evaluation (FPPE) when indicated by the findings of the PIPS process.

- Identifies representatives from neurosurgery, orthopaedic surgery, anesthesiology, emergency medicine, and other appropriate disciplines to determine which physicians from their disciplines are qualified to be members of the trauma program and on-call panel.
- With the assistance of the hospital administrator and the Trauma Program Manager, coordinates the budgetary process for the trauma program.
- Establishes a physician case management process which fosters cost-effective, high quality patient care.
- When unavailable, delegates authority to another trauma surgeon who can carry out administrative functions.
- Oversees, participates in, and develops projects that ensure cost-effectiveness of care provided by physicians and hospital.
- Coordinates, participates in, and chairs trauma, educational, quality assurance, and multi-disciplinary meetings.
- Ensures establishment of physician/surgeon call schedules for all specialties.
- Ensures compliance of trauma medical/surgical care with all regulatory and trauma designation/verification requirements including ACS, JCAHO, OSHA, EMTALA, and local designating agencies.
- Develops strategic relationships with referring hospitals and physicians.
- Maintains relationships with community organizations and legislative bodies whose activities relate to trauma care and injury prevention.
- Coordinates and participates in trauma surgeon recruitment, trauma service marketing, and community education/prevention activities.
- Participates in trauma patient/family satisfaction projects.
- Assists the Trauma Program Manager in developing and meeting the Trauma Service budgetary goals.
- Is involved in state/regional trauma system planning, development, and/or operation.
- Is a member of and actively participates in local, regional, or national trauma organizations such as American Association for the Surgery of Trauma (AAST), Eastern Association for the Surgery of Trauma (EAST), American College of Surgeons Committee on Trauma (ACS-COT), Western Trauma Association (WTA), Society of Critical Care Medicine (SCCM) and/or active participation on the state regional council/advisory committee.

#### **D. Education/Training**

Participates in the education/training of hospital personnel, trauma surgeons, and co-specialists.

- Ensures and documents the dissemination of information and findings from peer review meetings to the non-core surgeons on the trauma call panel.
- Adheres to trauma service guidelines and assists in the education and training of hospital personnel.
- Participates in the education of faculty and professional students as requested and approved by Terre Haute Regional Hospital and allowed by professional practice commitment.
- Provides, on a semi-annual and PRN basis, educational trauma case presentations to all regional facilities which have referred patients to Terre Haute Regional Hospital Trauma Surgery. The educational session will be open to

pre-hospital, nursing, ancillary, and physician staff.

- Participates in teaching the Rural Trauma Team Development Course.

#### E. References

- American College of Surgeons Committee on Trauma (2014). *Resources for Optimal Care of the Injured Patient*. Chicago, IL: American College of Surgeons.

# THE AMERICAN BOARD OF SURGERY

Incorporated



reared in 1937 for the certification of Surgeons  
hereby declares that

**Christine Carter Jones**

having been previously certified, has satisfied all the  
requirements for recertification and is hereby reaffirmed  
as certified in the specialty of Surgery

Attest:

  
CHAIRMAN

  
VICE CHAIRMAN

Philadelphia, Pa.

  
SECRETARY - TREASURER

ISSUED: December 1, 2009

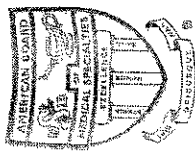
VALID UNTIL: July 1, 2022

CERTIFICATE NO. 47493



# THE AMERICAN BOARD OF SURGERY

Incorporated



reates in 1937 for the certification of Surgeons  
hereby declares that

**Christine Carter Jones**

having been previously certified, has satisfied all the  
requirements for recertification and is hereby reaffirmed  
as certified in Surgical Critical Care

Attest:

*E. Christopher Ellison*  
CHAIRMAN

*S. Chalk*  
VICE CHAIRMAN

Philadelphia, Pa.

*Frederic R. Smith*  
SECRETARY - TREASURER

ISSUED: September 20, 2010

VALID UNTIL: July 1, 2023

CERTIFICATE NO. 2003



# United Council for Neurologic Subspecialties

Awards

Subspecialty Certification

To

Christine C. Tobez, MD

For

Neurocritical Care

Granted this 31st day of December, 2013 for a period of 10 years

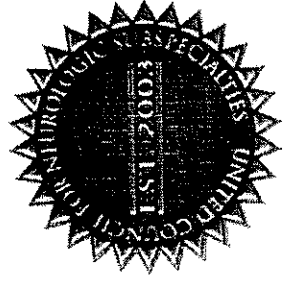
CERTIFICATE NO. NCC01208-13

*Paul Vespa*

Paul Vespa, MD  
Chair, Board of Directors

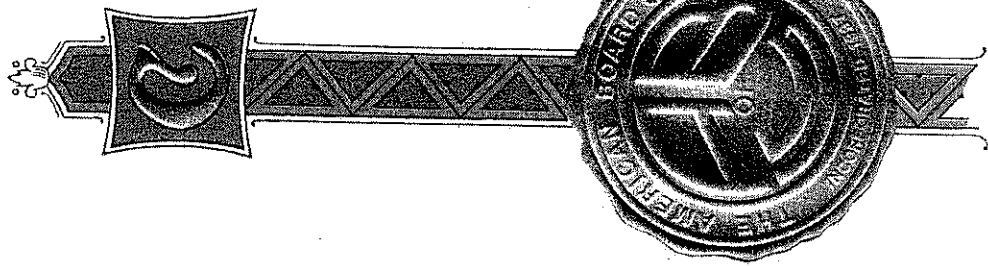
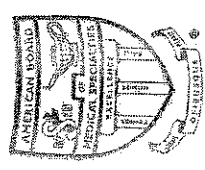
*Gregory Gruener*

Gregory Gruener, MD, PhD  
Chair, Certification Council



# The AMERICAN BOARD OF SURGERY

Incorporated



created in 1937 for the certification of Surgeons  
hereby declares that

**Christine Carter Jones**

having satisfied all the requirements and having  
successfully passed the examination is certified in  
Hospice and Palliative Medicine

Attest:

*E. Christopher Ellison*  
CHAIRMAN

*SCbly*  
VICE CHAIRMAN

Philadelphia, Pa.

*Frederic R. Smith*  
SECRETARY - TREASURER

ISSUED: November 16, 2010

VALID UNTIL: July 1, 2021

CERTIFICATE NO. 26

# Dr. Christ... Toevs CME

From	Date	Hours	Category
American College of Surgeons	October 6, 2014	1.00	Burn, Trauma, Critical Care
American College of Surgeons	October 26-30, 2014	3.25	100th Annual Clinical Congress
American College of Surgeons	January 3, 2015	1.00	Burn, Trauma, Critical Care
American College of Surgeons	March 24, 2015	1.00	Burn, Trauma, Critical Care
American College of Surgeons	April 6, 2015	1.00	Burn, Trauma, Critical Care
American College of Surgeons	May 18, 2015	1.00	Burn, Trauma, Critical Care
American College of Surgeons	May 18, 2015	1.00	Burn, Trauma, Critical Care
Society of Critical Care Medicine	January 17-22, 2015	4.25	2015 Coding and Billing
Society of Critical Care Medicine	January 17-22, 2015	1.00	Immunoregulation During Sepsis
Society of Critical Care Medicine	January 17-22, 2015	1.00	Life Time Achievement Award
Society of Critical Care Medicine	January 17-22, 2015	0.25	Creating a Healthy Work Environment
Society of Critical Care Medicine	January 17-22, 2015	2.00	End of Life in ICU
Society of Critical Care Medicine	January 17-22, 2015	1.00	The Emerging Prominence of Latin and Central America in Critical Care
Society of Critical Care Medicine	January 17-22, 2015	1.00	Your Patient is Positive for Clostridium difficile: "Oh Feces!"
Society of Critical Care Medicine	January 17-22, 2015	1.00	Drug Shortages
Society of Critical Care Medicine	January 17-22, 2015	2.00	Resilience, Frailty and Recovery from Critical Illness
Society of Critical Care Medicine	January 17-22, 2015	1.00	The Transplant Experience: From the Professional and Personal Perspective
Society of Critical Care Medicine	January 17-22, 2015	1.00	Geriatrics in the ICU: Old, New, Black and Blue
University Of Kentucky	May 24, 2015	1.00	Pediatric Thoracic Trauma
University Of Kentucky	May 25, 2015	2.00	Advanced Viscoelastic Testing In Trauma and Transfusion Management
<b>TOTAL Hours :</b>		<b>22.5</b>	

39

# American College of Surgeons

Division of Education

## CONTINUING MEDICAL EDUCATION CERTIFICATE

*Christine Carter Toevs, MD FACS*

*Has participated in the live activity titled:*

**Journal of the American College of Surgeons  
October, 2014 - Burn, Trauma, Critical Care  
October 6, 2014**

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.  
The American College of Surgeons designates this live activity for a maximum of 1.00 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the AMA PRA Category 1 Credit(s)<sup>™</sup> listed above, a maximum of 1.00 credits meet the requirements for Self-Assessment.



AMERICAN COLLEGE OF SURGEONS

*Inspiring Quality:*

*Highest Standards, Better Outcomes*

A handwritten signature in black ink, appearing to read "Ajit K. Sachdeva".

Ajit K. Sachdeva, MD, FRCSC, FACS  
Director, Division of Education

Total AMA PRA Category 1 Credit(s)<sup>™</sup> claimed: 1.00  
Of the AMA PRA Category 1 Credit(s)<sup>™</sup> claimed above, the Self-Assessment credits earned were: 1.00

# American College of Surgeons

## Division of Education CONTINUING MEDICAL EDUCATION CERTIFICATE

**CHRISTINE C. TOEVS, MD FACS**

*Has participated in the educational activity titled:*

**100th Annual Clinical Congress  
October 26-30, 2014 - San Francisco, CA**

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American College of Surgeons designates this live activity for a maximum of 29.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the AMA PRA Category 1 Credit(s)™ listed above, a maximum of 28 credits meet the requirements for Self-Assessment.



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100+ years

*Ajit K. Sachdeva*

Ajit K. Sachdeva, M.D. FRCSC, FACS  
Director, Division of Education  
Blended Surgical Education and Training for Life

- A. Total AMA PRA Category 1 Credit(s)™ claimed: 11.25
- B. Of the credits claimed in line A, the Self-Assessment credits earned were: 4.5
- C. Of the credits claimed in line A, the Patient Safety credits claimed were: 3
- D. Of the credits claimed in line A, the Trauma/Critical Care credits claimed were: 3.25
- E. Of the credits claimed in line A, the Ethics credits claimed were: 2.5
- F. Of the credits claimed in line A, the Pain Management credits claimed were: 0
- G. Of the credits claimed in line A, the Palliative Care credits claimed were: 1

# AMERICAN COLLEGE OF SURGEONS

## DIVISION OF EDUCATION

### CONTINUING MEDICAL EDUCATION CERTIFICATE

**Christine Carter Toevs, MD FACS**

Has participated in the educational activity titled:

**Journal of the American College of Surgeons  
January, 2015 - Burn, Trauma, Critical Care  
January 3, 2015**

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American College of Surgeons designates this Journal-Based CME for a maximum of 1.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the AMA PRA Category 1 Credits™ listed above a maximum of 1.00 credits meet the requirements for Self-Assessment.



AMERICAN COLLEGE OF SURGEONS

*Inspiring Quality:*

*Highest Standards, Better Outcomes*

**100+ years**

Ajit K. Sachdeva, MD, FRCSC, FACS  
Director, Division of Education  
*Blended Surgical Education and Training for Life*

A: Total AMA PRA Category 1 Credits™ claimed: 1.00

B: Of the credits claimed in line A, the Self-Assessment credits earned were: 1.00

# Society of Critical Care Medicine

The Intensive Care Professionals

Thursday, January 22, 2015

49156

Christine C.Toevs

The Society of Critical Care Medicine certifies that Christine Toevs has participated in the live educational activity 44th Annual Critical Care Congress on January 17 - 22, 2015.

ACPE Number	Program Title	AMA PRA Category 1 Credits™
0236-0000-15-110-L04-P	2015 Coding and Billing	4.25
0236-0000-15-111-L04-P	Immunoregulation During Sepsis	1.00
0236-0000-15-121-L04-P	Lifetime Achievement Award: The Practice of Critical Care Medicine: Ten Things We Can (and Must) Do Better	1.00
0236-0000-15-124-L04-P	Creating a Healthy Work Environment Through Compassionate Care	0.25
0236-0000-15-127-L04-P	End of Life in the ICU: Costs and Logistics	2.00
0236-0000-15-136-L04_P	The Emerging Prominence of Latin and Central America in Critical Care	1.00
0236-0000-15-152-L01_P	Your Patient Is Positive for Clostridium difficile: "Oh Feces!"	1.00
0236-0000-15-153-L04_P	Drug Shortages: Economic Explanation of Manufacturing Failure and Buying Monopolies	1.00
0236-0000-15-157-L04_P	Resilience, Frailty and Recovery from Critical Illness	2.00
0236-0000-15-179-L04_P	The Transplant Experience: From the Professional and Personal Perspective	1.00
0236-0000-15-182-L04_P	Geriatrics in the ICU: Old, New, Black and Blue	2.00
		<b>16.50</b>

SCCM is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. SCCM designates this live educational activity for the maximum *AMA PRA Category 1 Credits™*, as listed below. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Overall Congress (Concurrent Sessions)	21.5 <i>AMA PRA Category 1 Credits™</i>
Current Concepts in Adult Critical Care Course	15 Category 1 Credits
Current Concepts in Pediatric Critical Care Course	15 Category 1 Credits
Postgraduate Courses	up to 7.5 Category 1 Credits

*Lori Harmon*

# AMERICAN COLLEGE OF SURGEONS

## DIVISION OF EDUCATION

### CONTINUING MEDICAL EDUCATION CERTIFICATE

**Christine Carter Toevs, MD FACS**

Has participated in the educational activity titled:

**Journal of the American College of Surgeons  
March, 2015 - Burn, Trauma, Critical Care  
March 24, 2015**

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American College of Surgeons designates this journal-based CME for a maximum of 1.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the AMA PRA Category 1 Credits™ listed above a maximum of 1.00 credits meet the requirements for Self-Assessment.



AMERICAN COLLEGE OF SURGEONS

*Inspiring Quality:*

*Highest Standards, Better Outcomes*

**100+ years**

Ajit K. Sachdeva, MD, FRCSC, FACS  
Director, Division of Education  
*Blended Surgical Education and Training for Life*

A: Total AMA PRA Category 1 Credits™ claimed: 1.00

B. Of the credits claimed in line A, the Self-Assessment credits earned were: 1.00



**AMERICAN COLLEGE OF SURGEONS**  
DIVISION OF EDUCATION  
CONTINUING MEDICAL EDUCATION CERTIFICATE

**Christine Carter Toevs, MD FACS**

Has participated in the educational activity titled:

**Journal of the American College of Surgeons  
April, 2015 - Burn, Trauma, Critical Care  
April 6, 2015**

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American College of Surgeons designates this journal-based CME for a maximum of 1.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the AMA PRA Category 1 Credits™ listed above a maximum of 1.00 credits meet the requirements for Self-Assessment.



AMERICAN COLLEGE OF SURGEONS

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Highest Standards, Better Outcomes*

100+ years

Ajit K. Sachdeva, MD, FRCSC, FACS  
Director, Division of Education  
*Blended Surgical Education and Training for Life*

A: Total AMA PRA Category 1 Credits™ claimed: 1.00

B. Of the credits claimed in line A, the Self-Assessment credits earned were: 1.00

# AMERICAN COLLEGE OF SURGEONS

## DIVISION OF EDUCATION

### CONTINUING MEDICAL EDUCATION CERTIFICATE

Christine Carter Toevs, MD FACS

Has participated in the educational activity titled:

**Journal of the American College of Surgeons**  
**May, 2015 - Burn, Trauma, Critical Care**  
**May 18, 2015**

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American College of Surgeons designates this journal-based CME for a maximum of 1.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the AMA PRA Category 1 Credits™ listed above a maximum of 1.00 credits meet the requirements for Self-Assessment.



AMERICAN COLLEGE OF SURGEONS

*Inspiring Quality:*

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Ajit K. Sachdeva, MD, FRCSC, FACS  
Director, Division of Education  
*Blended Surgical Education and Training for Life*

A: Total AMA PRA Category 1 Credits™ claimed: 1.00

B: Of the credits claimed in line A, the Self-Assessment credits earned were: 1.00

## CE Certificate for "Pediatric Thoracic Trauma"

[Back to Series Home](#)**Pediatric Trauma****Statement of Continuing Education Credit**

University of Kentucky  
College of Medicine  
UK HealthCare CECentral  
138 Leader Ave, Suite 9  
Lexington, KY 40506-9983

The University of Kentucky College of Medicine certifies that Christine Toevs, MD, has participated in the enduring material titled "Pediatric Thoracic Trauma" on May 24, 2015 and is awarded 1.00 AMA PRA Category 1 Credit(s).

**ACTIVITY INFORMATION**

**Title:** Pediatric Thoracic Trauma  
**Start Date:** Jan 31, 2012  
**End Date:** Feb 1, 2016

**PARTICIPANT INFORMATION**

**Name:** Christine Toevs  
**Address:**  
  
**Country:** United States  
**License State:** PA

**CREDIT INFORMATION**

**Credit Type:** AMA PRA Category 1  
**Credits:** 1.00  
**Certificate Date:** May 24, 2015  
**Certificate ID:** 3785-130085  
**Authorized By:**

A handwritten signature in black ink, appearing to read "J. Norton".

James Norton, PhD  
Director, UK Healthcare CECentral  
University of Kentucky

This activity qualifies for 1.0 hours of MOC Part 2 - CME and Self-Assessment as specified by the American Board of Surgery.

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## CE Certificate for "Advanced Viscoelastic Testing in Trauma and Transfusion Management"

[Back to Series Home](#)[General Trauma](#)

## Statement of Continuing Education Credit



University of Kentucky  
College of Medicine  
UK HealthCare CECentral  
138 Leader Ave, Suite 9  
Lexington, KY 40506-9983

The University of Kentucky College of Medicine certifies that Christine Toevs, MD, has participated in the enduring material titled "Advanced Viscoelastic Testing in Trauma and Transfusion Management" on May 25, 2015 and is awarded 2.00 AMA PRA Category 1 Credit(s).

## ACTIVITY INFORMATION

**Title:** Advanced Viscoelastic Testing in Trauma and Transfusion Management  
**Start Date:** Apr 28, 2015  
**End Date:** Apr 28, 2018

## PARTICIPANT INFORMATION

**Name:** Christine Toevs  
**Address:**  
**Country:** United States  
**License State:** PA

## CREDIT INFORMATION

**Credit Type:** AMA PRA Category 1  
**Credits:** 2.00  
**Certificate Date:** May 25, 2015  
**Certificate ID:** 8449-130085  
**Authorized By:**

A handwritten signature in black ink, appearing to read "J. Norton".

James Norton, PhD  
Director, UK HealthCare CECentral  
University of Kentucky

# Carrie L. Malone



## EDUCATION

**Indiana Wesleyan University** - Marion, IN  
Master of Science in Nursing, Master of Business Administration, graduation expected August 2016  
**University of Southern Indiana** - Evansville, IN  
Bachelors of Science in Nursing, May 2013  
**Parkview-Methodist School of Nursing** - Ft. Wayne, IN  
Diploma, May 1989

## PROFESSIONAL EXPERIENCE

**Terre Haute Regional Hospital** - Terre Haute, IN February 2013 - present  
*Director of Trauma Services*  
*Trauma Program Manager*, developing ACS verified level II trauma center including policy and procedure, trauma registry, performance improvement and patient safety, interdisciplinary education, and injury prevention.

**Sullivan County Community Hospital** - Sullivan, IN July 2009 - February 2013  
*ER Director/EMS Coordinator (June 2010-February 2013), Triage Nurse (July 2009-June 2010)*  
Management of 8 bed critical access ED and 3 community EMS providers, budgeting, policy and procedure, education, audit & review, hiring and performance appraisals.

**Craig Clinic** - Craig, AK Aug 2008 - May 2009  
*Staff Nurse*  
General office nursing, case management, venipuncture, management CLIA waved lab, taking/developing x-rays, occasional emergency nursing, rare veterinary care.

**SEARHC: Alicia Roberts Medical Clinic** - Klawock, AK December 2006 - November 2007  
*Nurse Manager*  
Supervision of nursing, EMT, paramedic, lab, case management, children's health program, and women's health program staff, including hiring, performance appraisals, education, policy, procedures, radiology, and moderate complexity lab. Assisted with implementation of FESC (Frontier Extended Stay Care) and Wise Woman wellness program.

**DeKalb Memorial Hospital** - Auburn, IN July 1999 - April 2006  
*Staff Nurse, ICU/ER*

**Lutheran Hospital of Indiana** - Ft. Wayne, IN January 1997 - August 1997  
*Staff Nurse, Cardiovascular Intensive Care Unit*

**Miller's Merry Manor** - Columbia City, IN April 1994 - August 1995  
*Staff Nurse*

**Baptist Medical Center-Montclair** - Birmingham, AL May 1989 - March 1994  
*Staff Nurse, Charge Nurse, Care Coordinator; Surgical Intensive Care Unit, surgical floor*

## PROFESSIONAL DEVELOPMENT

**Current Certifications:** CEN, Alumnus CCRN, BLS, ACLS, PALS, TNCC Instructor, ATCN Instructor  
**Leading from the Middle** - Quorum Health Resources, May 2011  
**Hospital Preparedness Training** - Lighthouse Readiness Group/Purdue University, April 2011  
**Trauma Program Manager's Course** - American College of Surgeons, October 2011  
**Optimal Trauma Center Organization and Management Course (OPTIMAL)** - Society of Trauma Nurses, April 2013  
**Trauma Outcomes Performance Improvement Course (TOPIC)** - Society of Trauma Nurses, August 2013

## PROFESSIONAL AFFILIATIONS

**Emergency Nurses Association** - President 2013 Chapter 401; Indiana State Student Nurse Relations Chair 2012  
2014 National Conference Planning Committee Member  
**Society of Trauma Nurses** - Injury Prevention Special Interest Group Member 2013 to present  
**Indiana Trauma Network** - 2015 Secretary  
**American Association of Critical Care Nurses**  
**American College of Healthcare Executives**  
**Intervarsity Nurses Christian Fellowship**

## PROFESSIONAL ACTIVITIES

**Indiana State University Institutional Review Board** - Member August 16, 2014 - August 15, 2017  
**Indiana State Trauma Care Committee** - Member of Trauma System Planning Subcommittee May 2014 - present  
**2014 ENA National Conference** - Poster Project - *Evaluation of triage accuracy when comparing two triage scaling systems*

# Carrie Malone CEUs

<u>From</u>	<u>Date</u>	<u>Hours</u>	<u>Category</u>
Good Samaritan	March 20, 2015	1.00	Neurosurgical Trauma
Indiana University Health	November 14, 2014	0.50	Green to Orange Crosswalk
Indiana University Health	February 20, 2015	0.50	Field Amputation
Indiana University Health	March 13, 2015	7.00	Injury Prevention 101
Indiana State Department of Health	April 1, 2015	1.00	Trauma Registrar Quarterly Education
HCA Trauma Summit	August 25, 2015	4.25	Trauma finance and administration
Trauma Reports 16(4)	September 2, 2015	1.5	Damage Control Resuscitation
Trauma Reports 16(5)	September 2, 2015	1.5	Pediatric Head Injury
<b><u>Total Hours:</u></b>		<b>17.25</b>	

AHC Media  
950 E. Paces Ferry Rd. NE, Suite 2850  
Atlanta, Georgia 30326  
Tel (800) 688-2421  
Fax (800) 284-3291  
www.ahcmedia.com



CARRIE MALONE  
TERRE HAUTE REGIONAL HOSPITAL

September 2, 2015

USA

AHC Media certifies that CARRIE MALONE has participated in the enduring material titled Trauma Reports (Vol. 16, No. 4) - Damage Control Resuscitation - July 1, 2015 on September 2, 2015 and is awarded 1.5 Nursing Contact Hour(s).

Topics: Emergency Medicine, Trauma

AHC Media is accredited as a provider of continuing education by the American Nurses Credentialing Center Commission on Accreditation.

Provider approved by the California Board of Registered Nursing. Provider # 14749, for 1.5 Contact Hour(s).

Learner Location:

Sincerely,

*Kay Ball RN, MSA, CNOR, FAAN*

Kay Ball, RN, PhD, CNOR, FAAN  
Head of Nursing Continuing Education Program  
AHC Media

Secure Certificate ID: 2832197-2EUqqn,2832197

AHC Media  
950 E. Paces Ferry Rd. NE, Suite 2850  
Atlanta, Georgia 30326  
Tel (800) 688-2421  
Fax (800) 284-3291  
www.ahcmedia.com



CARRIE MALONE  
TERRA HAUTE REGIONAL HOSPITAL

September 2, 2015

USA

AHC Media certifies that CARRIE MALONE has participated in the enduring material titled Trauma Reports (Vol. 16, No. 5) – Pediatric Head Injury - September 1, 2015 on September 2, 2015 and is awarded 1.5 Nursing Contact Hour(s).

Topics: Emergency Medicine, Trauma

AHC Media is accredited as a provider of continuing education by the American Nurses Credentialing Center Commission on Accreditation.

Provider approved by the California Board of Registered Nursing. Provider # 14749, for 3.5 Contact Hour(s).

Learner Location:

Sincerely,

*Kay Ball RN, MSA, CNOR, FAAN*

Kay Ball, RN, PhD, CNOR, FAAN  
Head of Nursing Continuing Education Program  
AHC Media

Secure Certificate ID: 2917438-3AFN×H,2917438



# Certificate of Completion

*This certifies that*

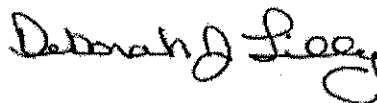
**Carrie L Malone**

*has successfully completed*

**HCA Trauma Summit**

*on*

**8/25/2015**



Deborah J. Lilly, RN, MSN  
**Nurse Planner**

4.25 Contact Hours

Offering # 007.015 Offering Number

HCA Inc. is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation

One Park Plaza

Nashville, TN 37203



## **CLINICAL INFORMATICS & EDUCATION**

520 SOUTH SEVENTH STREET  
VINCENNES, IN 47591  
812/885-3313

### **Educational Session Contact Hour Record**

**CARRIE MALONE**

**Attended**

**NEUROSURGICAL TRAUMA—WHO REAL NEEDS  
A NEUROSURGICAL EVALUATION?  
MEDICAL GRAND ROUNDS**

**MARCH 20, 2015**

**and has been awarded**

**1 Contact Hour**

*Angela G. Shick, RN, MSN*

**Angela Shick RN, MSN  
Director of Clinical Informatics & Education**

Good Samaritan Hospital (OH-409, 12/1/2015) is an approved provider of continuing nursing education by the Ohio Nurses Association (OBN-001-91), an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. The Indiana State Nurses Association has designated ONA as the official approver of CNE Providers and activities for Indiana.



# Indiana University Health

## Continuing Education

Certifies that:

Carrie Malone, BSN, RN, CEN

Has attended and successfully completed the educational activity:

“Injury Prevention 101”

At: Indiana University Health, Indianapolis

On: March 13, 2015

Number of contact hours awarded 7

*Marcy L Strine*

Marcy Strine, RN  
Continuing Education

IU Health Indianapolis (OH-412, 6/1/2016) is an approved provider of continuing nursing education by the Ohio Nurses Association (OBN-001-91), an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

1812 N. Capitol Avenue, Indianapolis, IN 46202

# Certificate of Completion

*Presented to*

**Carrie Malone**

Continuing Education Units (1 hour)

Trauma Registrar Quarterly Education

April 1, 2015



Indiana State  
Department of Health

*Jerome Adams*

Jerome M. Adams, MD, MPH  
State Health Commissioner



# Indiana University Health

## Continuing Education

Certifies that:

Carrie Malone, BSN, RN, CEN  
28123705A

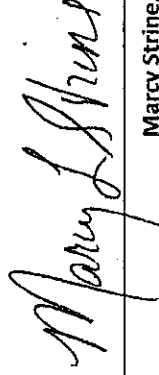
Has attended and successfully completed the educational activity:

**"Green to Orange Crosswalk"**

At: Indiana University Health, Indianapolis

On: November 14, 2014

Number of contact hours awarded **0.5**

  
\_\_\_\_\_  
Marcy Strine, RN  
Continuing Education

IU Health Indianapolis (OH-412, 6/1/2016) is an approved provider of continuing nursing education by the Ohio Nurses Association (OBN-001-91), an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

1812 N. Capitol Avenue, Indianapolis, IN 46202



# Indiana University Health

## Continuing Education

Certifies that:

Carrie Malone, RN, CEN

Has attended and successfully completed the educational activity:

“Field Amputation”

At: Indiana University Health, Indianapolis

On: February 20, 2015

Number of contact hours awarded 0.5

A handwritten signature in cursive script, reading 'Marcy L. Strine', written over a horizontal line.

Marcy Strine, RN  
Continuing Education

IU Health Indianapolis (OH-412, 6/1/2016) is an approved provider of continuing nursing education by the Ohio Nurses Association (OBN-001-91), an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

1812 N. Capitol Avenue, Indianapolis, IN 46202

## Job Description

<b>Job Title: Director of Trauma Services</b>	<b>FLSA Status: Exempt</b>
<b>Department: Trauma</b>	<b>Reports to: COO</b>
<b>Original Date: 10/2012</b>	<b>Date Reviewed/Revised: 10/2012; 01/2013, 08/2015</b>

### Position summary:

The Director of Trauma Services will coordinate care of trauma patients to include ensuring the continuity of care throughout the pre-hospital, hospital, and post-hospital phase of care. Functioning as Director of the comprehensive trauma program at Terre Haute Regional Hospital, and fulfilling the role of Trauma Program Manager for the adult trauma program, this person is responsible for the organization of services and systems necessary for a multidisciplinary approach to providing care to injured patients. This person assumes day-to-day responsibility for process and performance improvement activities as they relate to nursing and ancillary personnel and assists the Trauma Medical Director in carrying out the same functions for the physicians. The role of the Director of Trauma Services in the educational, clinical, research, administrative, and outreach activities of the trauma program is determined by the needs of the Trauma Medical Director and the institution. The Director of Trauma Services is self-directed and self-motivated, planning and conducting work with minimal direction, and reports the progress of work to the Chief Operational Officer (COO).

### Behavioral characteristics:

- Able to function well in a stressful situation.
- Ability to handle emergency situations as they arise.
- Ability to relieve anxiety of patient or family.
- Ability to follow and accept direction.
- Ability to work with others.
- Dependable and good attendance.
- Ability to work and communicate with all employees
- Demonstrates behaviors that are relative to the HCA Mission and Values Statement: "We act with absolute honesty, integrity and fairness in the way we conduct our business and the way we live our lives."

### Position responsibilities:

- **Survey Readiness:** Provides education and preparation of the hospital staff regarding American College of Surgeons (ACS) guidelines for ACS verification and re-verification utilizing the most recent edition of the ACS Guidebook, Resources for Optimal Care of the Injured Patient.
- **Clinical activities:** Coordinates management across the continuum of trauma care, which includes the planning and implementation of clinical protocols and practice management guidelines, monitoring care of in-hospital patients, and serving as a resource for clinical practice.

- **Education responsibilities:** Provide for intrafacility and regional professional staff development, participate in case review, implement practice guidelines, and direct community trauma education and prevention programs. Organizes and participates in conferences related to health care of the trauma patient.
- **Performance improvement:** Monitor clinical processes and outcomes and system issues related to the quality of care provided: develop quality filters, audits, and case reviews; identify trends and sentinel events; and help outline remedial actions while maintaining confidentiality.
- **Administration:** Manage, as appropriate, the operational, personnel, and financial aspects of the trauma program. Serve as a liaison to administration, and represent the trauma program on various hospital and community committees to enhance and foster optimal trauma care.
- **Supervision of the trauma registry:** Supervise collection, coding, scoring, and developing processes for validation of data. Design the registry to facilitate performance improvement activities, trend reports, and research while protecting confidentiality.
- **Consultant and liaison:** Stabilize the complex network of the many disciplines that work in concert to provide high-quality care. Serve as an internal resource for staff in all departments, and act as a liaison for EMS agencies.
- **Research:** Have an active involvement in research projects and the analysis and distribution of findings. Facilitate protocol design for accurate data collection, feedback, and analysis.
- **Community and national involvement in trauma care systems:** Participate in the development of trauma care systems at the community, state, or national level.
- **Management:** Conducts regular meetings with direct reports to set expectations consistent with the goals of the organization and the department. Schedules work, ensures adequate staffing, and evaluates performance in relation to department objectives and established standards. Applies policies in a consistent, fair and equitable manner. Achieves results through subordinates; successfully recruits, interviews, selects, and trains staff in order to build a cohesive and effective team

**Essential educational/licensure, skills and experience:**

- Bachelor of Science in Nursing is required.
- Three years clinical experience in trauma/emergency care.
- Registered professional nurse in the state of Indiana or with another state board of nursing followed by immediate registration with ISBN for Indiana license.
- CEN or CCRN within two (2) years of accepting position.
- TNCC, ENPC/PALS, ACLS, CPR certified; Instructor status preferred.
- Ability to establish and maintain effective interpersonal relationships.
- Ability to accept and implement change.
- Ability to problem solving make decisions.
- Possession of critical thinking, analytical, teaching/coaching and research skills.

**Valued but not required educational/licensure, skills and experience:**

- Three to five years of experience in coordination of multiple phases of care and multiple levels/groups of personnel is helpful.

**Physical demands and the work environment:**

- **Physical demands:** This position will require you to lift 50 pounds or less frequently, lift up to 100 pounds occasionally. Walk and stand most of the day,



bend and stoop frequently, push and pull equipment and carts on a regular basis. Manual dexterity (eye hand coordination). May be exposed to anger, fear, hostility and/or violence. May perform shift work. Maneuver weight of patients. May hear alarms and or recording devices. Reaching above the shoulder frequently. Repetitive wrist movements. Finger dexterity. On-Call Work. Acuity far and near. Depth Perception.

- *Work environment:* While performing the duties of this job, you will spend approximately 75% or more of your time inside. You may be exposed to blood or body fluids, toxic/caustic/chemical detergents. Exposure to moving mechanical parts, and potential electric shock. You will be using latex gloves frequently. You may work in areas that are confined and /or crowded.
- *OSHA Category I:* Position has potential for contact with mucous membrane or skin contact with blood, body fluids, or tissues. Contact may also result from spills or splashes. Use of appropriate protective measures is required.
- *Cultural Competencies.* Employee supports facility diversity initiatives; communicates with people of all cultures in ways that build trust and respect; and completes mandatory education on cultural diversity.

#### **Age Specific Competencies:**

- |                                                                      |                                                                     |
|----------------------------------------------------------------------|---------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Neonate: < 30 days               | <input checked="" type="checkbox"/> Infant: <1 year                 |
| <input checked="" type="checkbox"/> Early Childhood: 1 and < 5 years | <input checked="" type="checkbox"/> Late Childhood: 5 and <13 years |
| <input checked="" type="checkbox"/> Adolescent: 13 to <17 years      | <input checked="" type="checkbox"/> Young Adult : 17 to < 30 years  |
| <input checked="" type="checkbox"/> Middle Adult: 30 to <60 years    | <input checked="" type="checkbox"/> Older Adult: > 60 years         |
| <input type="checkbox"/> Not Applicable                              |                                                                     |

#### **Acknowledgement**

CONFIDENTIALITY- It is the responsibility of all Terre Haute Regional Hospital employees, contract employees, students, temporary agency employees, and volunteers to safeguard sensitive hospital information. The nature of our business and the economic well being of the hospital are dependent upon protecting and maintaining proprietary information. It is essential to remember that any information concerning a patient and his/her condition or hospital related information is a matter of strict confidence. Should you need to discuss patient information with an appropriate person, it must always be done in private.

I attest by my signature that I have read and fully understand the requirements for job performance as set forth in this job description. I also understand that this job description serves only as a guideline and is not an all encompassing document relevant to my expected

61

performance. Lastly, I understand that the content of this job description is subject to change at any time as deemed necessary by the employer.

Signed:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

## Malone Carrie - Terre Haute

---

**From:** Nimry, Ramzi T <RNimry@isdh.IN.gov>  
**Sent:** Tuesday, June 30, 2015 8:07 AM  
**Cc:** Hokanson, Katie; Hess, Camry  
**Subject:** [EXTERNAL] Q1 2015 Data Submission due to the Indiana Trauma Registry by end of business TODAY, June 30th (FINAL Reminder)  
**Importance:** High

I just wanted to send out a reminder to everyone that data submission is due **at the end of business TODAY, June 30th**. If your hospital is done entering Q1 2015 data (January 1st to March 31st 2015) please send me and Camry Hess ([chess1@isdh.in.gov](mailto:chess1@isdh.in.gov)) an email and so we have you added to our hospital list. Thank you ahead of time for your help and cooperation as we work to develop a statewide trauma system with the data you capture every day.

A couple of follow-up notes:

- 1) I will be out of the office today for the Trauma Tour kick-off in Evansville, but will have access to my email and will try to respond to emails as and when possible.
- 2) If you are entering directly into the trauma registry, please be sure to let me know once you have completed that. Even though it may be entered, I won't know if it is fully completed unless I am notified of it.
- 3) If you are Importing your data, please be sure to select the correct Import option either Indiana Import (using the 2015 Submission Channel) or the NTDB Import (using the 2015 Submission Channel) \*As a reminder, if you submitted 2015 data using the 2014 Channel for the Indiana Import, you will need to re-import it via the 2015 submission channel\*

If you have any other questions or concerns, please don't hesitate to contact me.

Thank you to the facilities that have already submitted data for Q1 2015:  
(If you do not see your hospital on the list, please let me know that you have submitted)

Cameron Memorial Community Hospital  
Columbus Regional Hospital  
Community Hospital of Anderson and Madison  
Community Hospital of Bremen  
Community Howard  
Community-EAST  
Community-NORTH  
Community-SOUTH  
Daviess Community Hospital  
Deaconess  
Deaconess Gateway  
Decatur County Memorial  
DeKalb Health  
Dukes Memorial

63

Eskenazi Health  
Good Samaritan Hospital  
Greene County General Hospital  
Hendricks Regional Health  
Henry County Memorial  
IU Health-Arnett  
IU Health-Blackford  
IU Health-Bloomington  
IU Health-Morgan  
IU Health-North  
IU Health-Riley  
IU Health-Saxony  
IU Health-Starke  
IU Health-Tipton  
IU Health-White Memorial  
Jay County Hospital  
Johnson Memorial Hospital  
Logansport Memorial Hospital  
King's Daughter's Health  
Kosciusko Community Hospital  
Major Hospital  
Marion General Hospital  
Memorial Hospital-South Bend  
Memorial Hospital and Health Care Center-Jasper  
Methodist Hospital-Northlake  
Methodist Hospital-Southlake  
Parkview-Huntington  
Parkview-LaGrange  
Parkview-Noble  
Parkview-Randallia  
Parkview-Regional Medical Center  
Parkview Whitley  
Perry County Memorial Hospital  
Pulaski Memorial Hospital  
Putnam County Hospital  
Reid Hospital  
Rush Memorial Hospital  
St. Anthony-Crown Point  
St. Anthony-Michigan City  
St. Elizabeth-Crawfordsville  
St. Elizabeth-Lafayette East  
St. Francis-Indianapolis  
St. Francis-Mooresville  
St. Margaret-Dyer  
St. Margaret-Hammond  
St. Mary's Medical Center-Evansville  
St. Vincent-Anderson Regional  
St. Vincent-Frankfort

St. Vincent-Indianapolis  
St. Vincent-Kokomo  
St. Vincent-Salem  
St. Vincent-Williamsport  
Schneck Medical Center  
Terre Haute Regional  
Union Hospital-Terre Haute  
Witham Health Services  
Witham at Anson

**RAMZI NIMRY**

*Trauma System Performance Improvement Manager*

*Trauma and Injury Prevention*

*Indiana State Department of Health*

*317.234.7321 office*

*317.233.8199 fax*

*[rnimry@isdh.in.gov](mailto:rnimry@isdh.in.gov)*

*[www.StateHealth.in.gov](http://www.StateHealth.in.gov)*



## Malone Carrie - Terre Haute

**From:** Nimry, Ramzi T <RNimry@isdh.IN.gov>  
**Sent:** Wednesday, August 26, 2015 8:45 AM  
**To:** Malone Carrie - Terre Haute  
**Cc:** Robinson Tammy - Terre Haute  
**Subject:** [EXTERNAL] RE: Q2 2015 Data Submission due to the Indiana Trauma Registry by September 30th (Early Reminder)

Hi Carrie,

I see that you have! I'll put you on the list.

-Ramzi



Mon 8/17/15 12:57 Indiana Import

NTDS\_SDL\_18029\_20150817125521.XML

### Import Details

#### Indiana Data Detailed Report

**Facility:** Terre Haute Regional Hospital

**Average Validity:** 9%

**Import Started:** Mon 8/17/15 12:57

**Pending Validation:** 0

**Import Finished:** Mon 8/17/15 13:17

**Pending:** 0

**Utility:** Indiana Data

**Running:** 0

**Associated Form:** Trauma Incident Form (Full Record)

**Finished:** 8%

**Import File:** NTDS\_SDL\_18029\_20150817125521.XML

**Failed:** 0

**Re Try Failed**

**Re Import Incidents**

**Re Validate Incidents**

**From:**  
**Sent:** Tuesday, August 25, 2015 2:27 PM  
**To:** Nimry, Ramzi T  
**Cc:**  
**Subject:** RE: Q2 2015 Data Submission due to the Indiana Trauma Registry by September 30th (Early Reminder)

\*\*\*\* This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*\*

Ramzi,

I submitted data last week for Terre Haute Regional. Can you check?

Thank you!  
Carrie

**From:** Nimry, Ramzi T [mailto:RNimry@isdh.IN.gov]  
**Sent:** Tuesday, August 25, 2015 2:16 PM

660

**Cc:** Hokanson, Katie; Hess, Camry

**Subject:** [EXTERNAL] Q2 2015 Data Submission due to the Indiana Trauma Registry by September 30th (Early Reminder)

Good afternoon,

I just wanted to send out an early reminder to everyone that Q2 2015 data submission is due **by the end of business September 30th**. If your hospital is done entering Q2 2015 data (**April 1st to June 30th 2015**) please send me an email and I will add your hospital to the list. Thank you ahead of time for your help and cooperation as we work to develop a statewide trauma system with the data you capture every day. If you have any questions or concerns, please don't hesitate to ask

Thank you to the facilities that have already submitted data for Q2 2015:

(If you do not see your hospital on the list, please let me know that you have submitted)

Eskenazi Health  
IU Health-North  
IU Health-Saxony  
Memorial Hospital and Health Care Center-Jasper  
Perry County Memorial  
Rush Memorial Hospital

**RAMZI NIMRY**

*Trauma System Performance Improvement Manager*

*Trauma and Injury Prevention  
Indiana State Department of Health  
317.234.7321 office  
317.233.8199 fax  
[mimry@isdh.in.gov](mailto:mimry@isdh.in.gov)  
[www.StateHealth.in.gov](http://www.StateHealth.in.gov)*



67

# Tamyra Lynn Robinson

Trauma Registrar

## Profile

A versatile and hard-working Trauma Registrar with a practical hands-on approach that works to achieve the best results. Able to collect and analyse information, digest facts and quickly grasp complex issues. Effective problem solving skills and the ability to quickly identify the issue. Proven ability to manage and complete projects to a high standard with a meticulous attention to detail and within agreed deadlines.

## Skills Matrix

Capable of managing the trauma registry in a hospital environment. Knowledge of medical terminology and anatomy with the ability to understand trauma Quality Improvement Processes and data analysis. Good understanding of ICD and CPT coding. Familiarity with functions pertaining to Registry and Trauma Service. Ability to perform work in stressful situation and achieve hospital objectives within guidelines. Ability to resolve issues effectively.

## Personal Attributes

- Attention to detail
- Flexibility
- Willing to learn
- Initiative

## Career Detail

### Terre Haute Regional Hospital, Terre Haute, IN – Trauma Registrar

**3/2014 to present**

Responsible for the trauma registry which includes identification, collection, scoring, and entering data into the data base. Assume the responsibility of assuring the accuracy of the data that is collected and collaborate with performance improvement and administrative planning. Ensure that the trauma data is retrieved, entered, analyzed and verified in accordance with state and national mandated regulations. Assists with information requests as requested.

### Union Hospital, Terre Haute, IN – Credentialing Assistant

**3/2011 to 10/2013**

Processed all Allied Health Practitioner applications along with Provisional Medical Staff applications. Tracked licensure, malpractice insurance, board certifications, and quality data as needed. Attended Medical, Surgical, and Credentialing committee meetings.

### Union Associated Physicians Clinic, Terre Haute, IN – Credentialing Assistant

**3/2010 to 03/2011**

Processed new applications for physicians and practitioners joining the medical group while maintaining current medical staff contracts with the contracted insurance companies. Data entry and maintenance of CAQH database. Assisted physicians, practitioners, and the company with concerns and questions regarding the credentialing process.

### Union Associated Physicians Clinic, Terre Haute, IN – Insurance Follow-up

**3/2009 to 03/2010**

Processed Medicare and commercial insurance claims and denials to obtain accounts receivables in a timely manner. Assisting patients with account and insurance issues. Data entry of medical charges as needed.

### J.R. Chevrolet, Clinton, IN – Human Resources/Payroll Manager

**1/2004 to 1/2009**

Interviewed, hired, and orientated new employees. Responsible for weekly payroll and the submission of monthly financial reports. Creation and administration of personnel policies. Assisted in the maintenance of employee productivity. Follow-up on accounts receivable as needed. Assistance with Finance/Insurance and Sales as needed.

608



## **Education**

Harrison College, Terre Haute, IN

Graduated in 2013 with **Bachelor's Degree in HealthCare Management**

Graduate with High Academic Honors

Indiana Business College, Terre Haute, IN

Graduated in 1994 with **Associate's Degree in Office Management**

Graduate with High Academic Honors

## **Achievements**

Dean's List and High Academic Achievement Awards

Certificate of Merit and Perfect Attendance Award

The Eleanor N. Royse Health Careers Scholarship Award

## **Continuing Education**

American Trauma Society Trauma Registrar Distance Learning Course

Association for the Advancement of Automotive Medicine Course on Injury Scaling

Indiana State Trauma Care Committee (ISTCC)

Indiana Trauma Network Registrar Committee

2015 TQIP Online Training Course

TQIP Registry Staff Monthly Web Conferences

Indiana State Department of Health Trauma Registrar Monthly Educational Courses

Riley Hospital for Children ICD-10 Procedures Coding for Trauma Courses

2014 NTDS Pilot Project data participant

Indiana University Health "Indiana Trauma Network" educational activity

Indiana University Health "Strangulation" educational activity

Indiana University Health "Green to Orange Crosswalk" continuing education

Good Samaritan Hospital "Neurosurgical Trauma" Grand Rounds

St. Vincent Hospital Advances in Trauma Care Conference

Indiana State Department of Health Trauma Education Session

## **Certifications**

American Heart Association Basic Life Support

## **Committees**

Terre Haute Regional Hospital EAG Committee member

Terre Haute Regional Hospital Daisy/Soaring Miles Committee member

## **Hobbies and Interests**

Enjoy gardening, cake decorating, reading, and spending time with family.

## **References**

Diane Dugger

P. O. Box 163

Marshall, IN 47859

Barb Snoddy

17819 S. Carrera Lane

Clinton, IN 47842

Cheryl Smith

3566 E. Rosehill Road

Terre Haute, IN 47805

## Job Description

<b>Job Title:</b> Trauma Registrar	<b>FLSA status:</b> Non-exempt
<b>Department:</b> Trauma	<b>Reports to:</b> Trauma Program Manager
<b>Original Date:</b> 12/2013	<b>Date Reviewed/Revised:</b>

**Position Summary:** The Trauma Registrar is responsible for the collection, completion, and verification of the accuracy of all patient data collected from Terre Haute Regional Hospital and the Trauma Registry data collection system. This position is crucial to the implementation of quality assurance and improvement issues by serving as the foundation of the Trauma Program. The Registrar creates and maintains clinical and statistical data, AIS coding, ICD-9-CM and ICD-10-CM codes, and abstracts various data elements as required by the American College of Surgeons, the National Trauma Data Bank, Trauma Quality Improvement Program, the Indiana State Trauma Registry, and Terre Haute Regional Hospital. The Registrar will provide data and statistics from the trauma registry to the Trauma Program Manager to base injury prevention and community education upon. As time allows, the Registrar will assist the Trauma Program Manager with trauma outreach efforts. This position is held accountable by the standards of the trauma registry and reports directly to the Trauma Program Manager.

### Behavioral Characteristics:

- Enthusiastic, positive attitude, dependable, reliable, conscientious, attention to detail, tactful, flexible, and cooperative
- Demonstrates behaviors that are relative to the HCA Mission and Values Statement: "We act with absolute honesty, integrity, and fairness in the way we conduct our business and the way we live our lives."
- Demonstrates critical thinking skills, strong analytical skills, and excellent communication skills
- Self-directed with initiative to function independently as needed
- Possesses excellent organizational skills with ability to prioritize requests and assignments

### Position Responsibilities:

- Data Collection
  - Identifies patients to input into the trauma registry per trauma program inclusion/exclusion criteria.
  - Collects and analyzes data on trauma patients that is detailed, reliable, and readily accessible; concurrent collection through chart review and staff interview is preferred.
  - Performs basic data collection of demographics, and coding of clinical and follow-up data from all sources into trauma registry database. Interacts with physicians, nurses, and other members of the trauma team and trauma patients to perform trauma registry functions. Will keep registry current

- within 60 days of patient discharge.
  - Enters data daily into the trauma registry, analyzing patient records for data entry points as well as looking for possible quality/safety issues.
  - Abstracts, assembles, enters, and codes clinical data with 95% accuracy into computer database by using the Association for the Advancement of Automotive Medicine Abbreviated Injury Scale (AIS), current ICD9/ICD10 coding, and the Registry Users Operations and Standards Manual.
- Data Reporting
  - Submits clean data to the Indiana State Trauma Registry quarterly, and the National Trauma Data Bank yearly as requested. Provides registry reports to hospital personnel as requested.
  - Produces reports from trauma data base in Microsoft Word, Excel, or Power Point as requested.
  - Participates in quality assurance and improvement activities to ensure accuracy of data collection and timely submission of data according to Indiana State Trauma Registry, National Trauma Data Bank, Trauma Quality Improvement Program, and the American College of Surgeons Optimal Guidelines for Trauma Centers.
  - Presents requested trauma registry data at meetings such as Clinical Monitoring Committee (CMC) and Trauma Operational Process Performance Committee (TOPP) meetings as requested.
- Data Validation
  - Participates in process of validation of registry data.
- Data Security/Patient Confidentiality
  - Maintains patient confidentiality including confidentiality of sensitive hospital performance improvement information.
- Other
  - Resolves routine coding issues/problems and appropriately seeks assistance from Trauma Program Manager for the more difficult ones.
  - Participates in Trauma Performance Improvement and ACS Committee meetings and educational conferences in order to maintain and expand Trauma Registry knowledge base.
  - Participates in internal and community outreach education on injury prevention, trauma systems, and trauma data.
  - Assists with other department functions as assigned.

**Essential educational/licensure, skills and experience:**

- High School graduate
- Current BLS certification
- Basic typing skills, computer literacy, and experience in Microsoft Word, Excel, and Power Point
- Above average communication skills in all forms
- Ability to multitask with prioritizing and meeting deadlines
- Must successfully complete or have previously completed the following 2 courses within 12 months of in-hire:
  - The American Trauma Society's Trauma Registry Course or equivalent provided by a state trauma program
  - The Association of the Advancement of Automotive Medicine's Injury Scaling

**Valued but not required educational/licensure, skills and experience:**

- Knowledge of various software packages, data entry skills, knowledge of basic anatomy, ICD-9-CM/ICD-10-CM coding, E-codes, Injury Severity Scoring, and Probability of Survivability
- An understanding of quality assurance and performance improvement
- Experience with data analysis and report writing
- At least one (1) year experience as Patient Care Assistant, Administrative Assistant, or Medical/Clerical Experience, preferably in a healthcare setting
- Successful passing of Certification Examination for Trauma Registrars –CSTR (Certified Specialist in Trauma Registers)

**Physical Demands and the Work Environment**

- *Physical demands:* This position will require you to lift 10 pounds or less frequently, lift up to 25 pounds occasionally, walk and stand part of the day, bend and stoop occasionally, push and pull equipment and carts on an occasional basis.
- *Work environment:* While performing the duties of this job, you may be exposed to a noise level that is usually minimal, but may be rather elevated at times.
- *OSHA Category III:* The normal work routine involves no exposure to blood, body fluids, or tissues. Position is not required to perform or assist in emergency medical care or first aid or to be potentially exposed in some other way.
- *Cultural Competencies:* Employee supports facility diversity initiatives, communicates with people of all cultures in ways that build trust and respect, and completes mandatory education on cultural diversity.

**Age Specific Competencies:**

- |                                                                      |                                                                      |
|----------------------------------------------------------------------|----------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Neonate: < 30 days               | <input checked="" type="checkbox"/> Infant: , 1 year                 |
| <input checked="" type="checkbox"/> Early Childhood: 1 and < 5 years | <input checked="" type="checkbox"/> Late Childhood: 5 and < 13 years |
| <input checked="" type="checkbox"/> Adolescent: 13 to < 17 years     | <input checked="" type="checkbox"/> Young Adult: 17 to < 30 years    |
| <input checked="" type="checkbox"/> Middle Adult: 30 to < 60 years   | <input checked="" type="checkbox"/> Older Adult: > 60 years          |

**References**

- *Resources for Optimal Care of the Injured Patient 2006.* American College of Surgeons, 2006.

### Acknowledgement

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I attest by my signature that I have read and fully understand that this job description serves only as a guideline and is not an all-encompassing document relevant to my expected performance. Lastly, I understand that the content of this job description is subject to change at any time as deemed necessary by the employer.

Signed:

---

Signature

---

Date

---

Printed Name



EMERGENCY NURSES ASSOCIATION  
SAFE PRACTICE, SAFE CARE



## This Certifies That

*Tamyra Robinson*

has completed

### Course on Injury Scaling: Uses and Techniques

Earning a total of 14.41 Contact Hours

ENA has approved 0.00 Contact Hours Category of Clinical; 0.00 meet Pediatric requirements.

ENA has approved 13.66 Contact Hours Category of Trauma.

*This continuing nursing education activity was approved by the Emergency Nurses Association, an accredited approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation*

Activity Date: **November 2014**

Activity Code: **130204-IL-C-R1**

Activity Coordinator: **Janet Price**

Activity Location: **Online**

Provider: Association for the Advancement of  
Automotive Medicine

Co-Provider:

Address: PO Box 4176

Address:

City/State/Zip: Barrington, IL 60011-4176

City/State/Zip:

2014 ENA Education Committee Chairperson

Joan S. Eberhardt, BSN, RN, MA, TNS, CCRN, FAEN

(Do not send this certificate to the Board of Nursing. Keep it for your personal files. This certificate must be kept by licensee for a period of six (6) years.)

ENA has approved contact hours for this activity to be issued through 03/31/2015

Please contact the ENA Approver Unit with questions related to contact hours.

ENA Approver Unit via e-mail [CNE@ena.org](mailto:CNE@ena.org) or by phone 847/460-4116

74



American Trauma Society

*Hereby certifies that*

**Tamyra Robinson**

*has successfully completed the*

# Trauma Registrar Distance Learning Course

**This activity has been approved for 12 CME Contact Hours by The District of Columbia Board of Nursing  
The District of Columbia Board of Nursing is an accredited approver of continuing nursing education by CE Broker**

**Issued by:**  
**Certificate ID:**

**American Trauma Society**  
**28807071-4491**

45

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Improving Care. Saving Lives.

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TRAUMA RESOURCES ADVOCACY CATALOG

## Professional Development: Tamyra Robinson

### MY PROFILE

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Certifications/Programs Journal Entries

Status: All Statuses Certification/Program: All Certifications/Programs  
Credit Type: All Types Credits Earned: From To

APPLY FILTER

Print Transcript Print Filtered Entries Email Transcript Add Entry

OPTIONS	STATUS	ENTRY DATE	DETAILS	CREDITS	EXPIRES
	Approved	11/25/2014	Trauma Registry Course (TRC) Trauma Register Course	12	11/1/2099

### LATEST NEWS

11/24/2014 [more](#)  
Football Players Found to Have Brain Damage From Mild 'Unreported' Concussions

11/17/2014  
Abusive Head Trauma Has Deep, Prolonged Effect on Children

### CALENDAR [more](#)

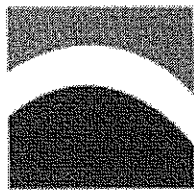
1/31/2015 » 2/1/2015  
ATS Trauma Registry Course - Santa Barbara, CA

3/7/2015 » 3/8/2015  
ATS Trauma Registry Course - New York, NY

ARCH MAILING LIST CONTACT US PRIVACY STATEMENT SITE MAP

merican Trauma Society  
Park Washington Court Falls Church, VA 22046





TERRE HAUTE  
**Regional**  
HOSPITAL

Original Issue: N/A  
Reviewed: N/A  
Last Revised: N/A  
Expiration: 3 years after approval  
Owner: Carrie Malone: Director of  
Trauma Services  
Department/Scope: IPC.ERT  
References:

## Tiered Trauma Team Activation, IPC.ERT.002

### PURPOSE:

To provide for the initial management of major trauma patients, requiring rapid and efficient mobilization of personnel and resources essential for the optimal care, diagnosis, and treatment of injured patients.

### POLICY:

The mobilization of personnel and resources should match the guidelines provided by the American College of Surgeons' Committee on Trauma in regards to the Field Triage Decision Scheme which determines the procedure by which injured patients should be triaged to a trauma center.

The Tiered Trauma Team Activation policy provides mechanisms for the mobilization of essential personnel and resources prior to or upon the arrival of critically injured patients.

#### A. Definitions:

1. A Trauma 1 Activation is appropriate for trauma patients with a high likelihood of serious injury or high probability of surgical intervention acutely, based upon predetermined anatomic and physiologic criteria. A Trauma 1 activation is the highest level of activation and requires a full team response, with the Trauma Surgeon being present in the Emergency Department within 15 minutes of patient arrival. If the Trauma Surgeon is encumbered or overwhelmed, the back up Trauma Surgeon will be called in, with a response requirement of 30 minutes from time of notification
2. A Trauma 2 Activation is appropriate for trauma patients with a high likelihood of injury, based upon predetermined criteria related to mechanism of injury. Trauma 2 Activation is a partial team activation with the trauma surgeon being present in the Emergency Department within 30 minutes of patient arrival.
3. Trauma Activation Teams
  - a. Trauma 1 Activation
    - i. Trauma Surgeon
    - ii. Emergency Department Physician
    - iii. Emergency Department Trauma Nurse (T1)
    - iv. Emergency Department Trauma Nurse (T2) (Triage Nurse, or as assigned by ED Charge Nurse)

- v. ICU Nurse
  - vi. Nursing Supervisor
  - vii. Radiology Tech
  - viii. Laboratory Tech (prepares emergent blood for pickup)
  - ix. Respiratory Therapist
  - x. Anesthesia
  - xi. Operating Room Nurse
  - xii. Emergency Department Admissions Personnel (if available)
  - xiii. ED Unit Secretary
  - xiv. Security
  - xv. Social Worker
  - xvi. Chaplain (as needed)
- b. Trauma 2 Activation
- i. Trauma Surgeon
  - ii. Emergency Department Physician
  - iii. Emergency Department Trauma Nurse (T1)
  - iv. Emergency Department Trauma Nurse (T2) (Triage Nurse, or as assigned by ED Charge Nurse)
  - v. Nursing Supervisor
  - vi. Radiology Tech (Get CT scanner ready)
  - vii. Laboratory Tech (on alert for emergent labs)
  - viii. Respiratory Therapist
  - ix. Emergency Department Admissions Personnel (if available)
  - x. ED Unit Secretary
  - xi. Security
  - xii. Social Worker
  - xiii. Chaplain (as needed)

Once the patient has arrived and assessment is complete, non-essential personnel will be dismissed by the team leader. No team member should leave the trauma activation without checking out with the team leader.

## PROCEDURE:

### A. Tiered Trauma Team Activation

1. All injured patients will be categorized using the Trauma Activation Criteria Checklist (See Attachment)
2. Prior to patient arrival in the Emergency Department, a Trauma 1 Activation or Trauma 2 Activation can be initiated by the EMS Provider, Emergency Department Charge Nurse, or the

Emergency Physician based on the CDC 2011 Guidelines for Field Triage of Injured Patients (EMS), or the Trauma Activation Criteria Checklist

3. When Emergency Department personnel receive information from an incoming ambulance or a transferring hospital about a Trauma Alert patient, or an injured patient presents directly to the Emergency department, the following steps should occur:
  - a. The Emergency Department personnel obtain information and categorize the patient as a Trauma 1 or a Trauma 2 by reviewing the patient's physical findings and mechanisms of injury according to Trauma Activation Criteria listed on the Trauma Activation Worksheet (See Attachment)
    - i. If an injured patient meets **any** of the Trauma 1 Activation Criteria, that patient is designated a **Trauma 1**
    - ii. If an injured patient meets **none** of the Trauma 1 Activation Criteria but meets **any** of the Trauma 2 Activation Criteria, that patient is designated a **Trauma 2**
    - iii. If an injured patient **does not meet any** of the Trauma 1 or Trauma 2 criteria, the patient is designated a **Trauma Consult**
4. When directed to activate the trauma team, the ED unit secretary will inform the PBX Operator to announce overhead "Code Trauma 1-ER" or "Code Trauma 2-ER". Using an automated paging system, or manually if system unavailable, the Unit Secretary will notify Lab, Trauma Surgeon, Anesthesia, Operating Room Nurse, House Supervisor, Director of Trauma Services/Trauma Program Manager, Trauma Educator/Performance Improvement/Injury Prevention Coordinator, ED Medical Director, and ED Director by cell phone text or pager, the level of activation, age, sex, mechanism of injury and estimated time of arrival. The Director of Trauma Services/Trauma Program Manager, Trauma Educator/Performance Improvement/Injury Prevention Coordinator, ED Medical Director, and ED Director will be notified of the activation by text or beeper, but are not required to respond to the ED. The Trauma Nurse 2 is responsible for completing the Activation Response Form (See Attachment) with all page and arrival times for trauma team members.
5. In the case of multiple injured patients presenting at the same time, instruct the PBX Operator to page overhead, "Code Trauma 2, second patient....Code Trauma 1, third patient", etc, so that staff are aware that there are multiple patients. The ED unit secretary should include this information on each text sent as described above.
6. The Trauma Surgeon, Emergency Department Charge Nurse, or Emergency Physician may upgrade a response from a Trauma 2 to a Trauma 1 based upon the objective criteria or clinical concerns for major or multisystem injury.
7. In Trauma 1 and 2 activations, the Emergency Physician is responsible for the overall care of the patient until the Trauma Surgeon arrives, and should begin the initial workup as the team leader until that time. The response times for the Trauma Surgeon should be within 15 minutes of patient arrival for Trauma 1 activations, and within 30 minutes of arrival for Trauma 2 activations. The Trauma Surgeon then assumes responsibility for the patient.
8. In a Trauma Consult, the Emergency Room Physician is responsible for the care of the patient and will notify the Trauma Surgeon of the trauma consult if needed. The Trauma Surgeon should respond within 1 hour of notification.
9. In all injured patients, if the final disposition is admission, the patient should be admitted to the Trauma Service or other appropriate surgical service.

B. Tiered Trauma Team Activation Criteria

1. Trauma 1 Activation

a. Physiologic Criteria

i. Airway

- a. Unable to adequately ventilate
- b. Intubated or assisted ventilation

ii. Breathing

a. Adult

- i. Respiratory rate < 10 or > 29 per minute

b. Child

- i. Any sign of respiratory insufficiency (hypoxia, accessory muscle use, grunting)

iii. Circulation

a. Adult

- i. Confirmed SBP < 90 mmHg at any time

b. Child

- i. < 1 year old with SBP < 60 mmHg
- ii. 1 - 10 years with SBP < 70 mmHg + 2x age
- iii. > 10 years with SBP < 90 mmHg

iv. Deficit

- a. GCS motor score  $\leq 5$
- b. GCS total score  $\leq 13$
- c. Child who is responsive only to pain or is unresponsive

v. Deterioration of previously stable patient

vi. Transfers requiring blood transfusion

vii. ED Physician discretion

viii. EMS provider judgment

b. Anatomic Criteria

- i. Penetrating injuries to the head, neck, torso, or extremities proximal to elbow/knee
- ii. Paralysis or suspected spinal cord injury
- iii. Two or more proximal long bone fractures (humerus or femur)
- iv. Open or depressed skull fracture
- v. Flail chest
- vi. Unstable pelvic fractures
- vii. Amputation proximal to wrist or ankle
- viii. Crushed, degloved, or mangled extremity



## 2. Trauma 2 Activation

### a. Mechanism of Injury Criteria

#### i. Falls

- a. Adult > 20 ft
- b. Child > 10 ft or 3x height
- c. Fall from any height resulting in any type of head injury in anti-coagulated adult (Coumadin, Plavix, Xarelto, etc)

#### ii. Any Auto vs. pedestrian/cyclist thrown, run over, or with significant (> 20mph) impact

#### iii. Motorcycle crash > 20 mph

#### iv. High energy electrical injury

#### v. Burns > 10% TBSA (second or third degree) and/or inhalation injury

#### vi. Suspicion of hypothermia, drowning, hanging

#### vii. Suspected non-accidental trauma

#### viii. Blunt abdominal injury with firm or distended abdomen, or with seat belt sign

#### ix. Pregnancy > 22 weeks with significant traumatic mechanism

#### x. High risk auto crash with

- a. Intrusion of vehicle > 12" occupant compartment; > 18" in other site
- b. Ejection (partial or complete) from automobile
- c. Death in same passenger compartment

#### xi. High energy dissipation or rapid decelerating incidents, for example

- a. Ejection from motorcycle, ATV, animal, and so on
- b. Striking fixed object with momentum
- c. Blast or explosion

#### xii. ED Physician discretion

#### xiii. EMS Provider judgment

### C. Activation Criteria and Process Improvement

1. Undertriage (under activation) and overtriage (over activation) will be monitored by the Trauma PIPS Program
2. Undertriage is defined as "a triage decision that classifies patients as not needing trauma center care when, in fact, they do....Undertriage is a medical problem. It may result in an adverse patient outcome" (COT-ACS, 2014, p. 25)
3. Overtriage is "a decision that incorrectly classifies a patient as needing trauma center care, although retrospectively analysis suggests that such care was not needed. Overtriage results in over utilization of finite resources (financial and human) and, as such, is also important to monitor" (COT-ACS, 2014, p. 25)





- a. Any variances in the process will be reviewed monthly by the Trauma Program Manager, Trauma Medical Director and the multidisciplinary Trauma Operational Process Performance (TOPP) Committee, who will decide on appropriate follow-up action to be taken.
  - b. This information will be tracked in the registry as an ongoing performance improvement indicator and reported at each TOPP Committee meeting.
4. Trauma Service's benchmark for undertriage is < 5%, while over triage is < 25%. Please note definitions below:
- a. Undertriage: A major trauma patient with no Trauma 1 activation
    - i. "Major trauma patient" is one requiring/demonstrating any of the following:
      - a. ISS > 15
      - b. Blood transfusion as part of initial resuscitation
      - c. Intubation as part of initial resuscitation
      - d. Emergent surgery
      - e. Interventional-catheter based control of hemorrhage
      - f. Intracranial pressure monitoring
    - b. Overtriage: A patient activated as a Trauma 1 who retrospectively does not meet the criteria to be a "major trauma patient".
5. Matrix Method for the Calculation of Triage Rate (See Attachment)

## REFERENCES:

American College of Surgeons Committee on Trauma. (2014). *Resources for Optimal Care of the Injured Patient: 2014*. Chicago: American College of Surgeons.

USF HCA Trauma Network. (2014, May 7). *Trauma Activation Levels & Criteria*.

## Attachments:

-  Activation Response Form
-  Mechanism of Injury List
-  Trauma Activation Worksheet
-  Triage Matrix

	Approver	Date
	Courtney Robison: Executive Administrative Assistant	07/2015
	Carrie Malone: Director of Trauma Services	07/2015
	Heather Lark	pending

## Trauma Activation Response Form

Date of Activation: \_\_\_\_\_

Type of Trauma Activation: ☐ Trauma 1 ☐ Trauma 2

Time of Notification of Patient: \_\_\_\_\_ ☐ No Advanced Notice

Age: \_\_\_\_\_ Sex: ☐ Male ☐ Female

Time of Patient Arrival: \_\_\_\_\_

### Mechanism of Injury:

- ☐ FALL
- ☐ MVC
- ☐ MCC
- ☐ GSW
- ☐ STAB
- ☐ ASSAULT
- ☐ Other

Required Team Members	Time paged	Time of Arrival	Name	Signature
Trauma Surgeon				
ED Physician				
Anesthesia				
ED Trauma Nurse (T1)				
ED Trauma Nurse (T2)				
Nursing Supervisor				
Lab				
Radiology Tech				
ICU Nurse				
Respiratory Therapy				
Operating Room				
Security				
Social Worker				
<b>Optional Team Members</b>				
Chaplain				
Orthopedic Surgeon				
Neurosurgeon				
Consulting MD				
Consulting MD				
Other				

Scribe Name: \_\_\_\_\_ Signature: \_\_\_\_\_

### Mechanism of Injury List

Mechanism of Injury	Abbreviation
Motor Vehicle Crash	MVC
Motorcycle Crash	MCC
Fall	Fall
Stab wound	Stab
Assault	Assault
Motor Vehicle vs. Pedestrian	MV vs P
Bicycle Crash	BCC
Motor Vehicle vs. Bicycle	MV vs BC
Moped/Scooter	SC
Motor vehicle vs. Scooter	MV vs SC
Gunshot wound	GSW
Chemical Burn	Chem Burn
Inhalation Burn	Inh Burn
Thermal Burn	Therm Burn
Electrical Burn	Elec Burn
Drowning	Drown
Hanging	Hang



## Triage Rate Matrix

MATRIX METHOD				
	Not Major Trauma	Major Trauma	Total	
Trauma 1 Activation	A	B	C	$\text{Overtriage} = \frac{A}{C} \times 100$
Trauma 2 Activation	D	E	F	
No trauma activation	G	H	I	$\text{Undertriage} = \frac{(E + H)}{(F + I)} \times 100$

# Terre Haute Regional Hospital Trauma Statement of Support

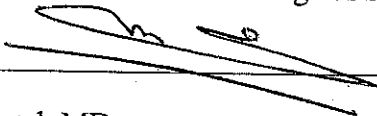
Physician	Specialty Represented	Statement
Ahmed, Dr. Mohamed	Trauma Surgeon	Yes
Aucar, Dr. John	Trauma Surgeon	Yes
Bauer, Dr. Paul	Trauma Surgeon	Yes
Blondeau, Dr. Benoit	Trauma Surgeon	Yes
Bowles, Dr. Alfred	Neurosurgery Liaison	Yes
Heiney, Dr. Jake	Orthopedic Liaison	Yes
Kim, Dr. Elizabeth	Trauma Surgeon	Yes
Lin, Dr. David	Orthopedics	Yes
Nimmagadda, Dr. Anitha	Neurosurgeon	Yes
Raychaudhuri, Dr. Ratul	Neurosurgeon	Yes
Reilly, Dr. Martin	Orthopedics	Yes
Saadi, Dr. James	Neurosurgeon	Yes
Thomae, Dr. Keith	Trauma Surgeon	Yes
Toeys, Dr. Christine	TMD/ICU Liaison	Yes
Vierra, Dr. Lawrence	Orthopedics	Yes

## Statement of Support

### Terre Haute Regional Hospital Trauma Program

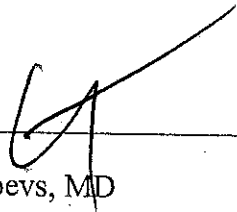
Due to the fact that there is an identified need for Level II trauma services in the city of Terre Haute in Vigo County, and in the surrounding regions and the development and maintenance of a Level II trauma center has been shown to increase the quality of trauma care, with distinct positive impact on morbidity and mortality outcomes;

I affirm my support of the trauma program at Terre Haute Regional Hospital, and my commitment to maintain the high standards needed to provide optimal care of all trauma patients as required under the American College of Surgeons Standards.

  
\_\_\_\_\_  
Mohamed Ahmed, MD

8 / 4 / 2015  
\_\_\_\_\_  
Date

Trauma Surgeon/Critical Care Physician

  
\_\_\_\_\_  
Christine Toevs, MD

8-4-2015  
\_\_\_\_\_  
Date

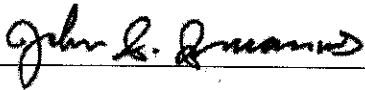
ICU Liaison/ICU Co-Director/Trauma Medical Director

## Statement of Support

### Terre Haute Regional Hospital Trauma Program

Due to the fact that there is an identified need for Level II trauma services in the city of Terre Haute in Vigo County, and in the surrounding regions and the development and maintenance of a Level II trauma center has been shown to increase the quality of trauma care, with distinct positive impact on morbidity and mortality outcomes;

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John Aucar, MD

8/16/2015

Date

Trauma Surgeon/Critical Care Physician



Christine Toevs, MD

8/16/2015

Date

ICU Liaison/ICU Co-Director/Trauma Medical Director



## Statement of Support

### Terre Haute Regional Hospital Trauma Program

Due to the fact that there is an identified need for Level II trauma services in the city of Terre Haute in Vigo County, and in the surrounding regions and the development and maintenance of a Level II trauma center has been shown to increase the quality of trauma care, with distinct positive impact on morbidity and mortality outcomes:

I affirm my support of the trauma program at Terre Haute Regional Hospital, and my commitment to maintain the high standards needed to provide optimal care of all trauma patients as required under the American College of Surgeons Standards.

  
Paul Bauer, MD

  
Date

Trauma Surgeon/Critical Care Physician

  
Christine Toevs, MD

  
Date

ICU Liaison/ICU Co-Director/Trauma Medical Director

## Statement of Support

### Terre Haute Regional Hospital Trauma Program

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\_\_\_\_\_  
Benoit Blondeau, MD

\_\_\_\_\_  
Date

Trauma Surgeon/Critical Care Physician

\_\_\_\_\_  
Christine Toevs, MD

\_\_\_\_\_  
Date

ICU Liaison/ICU Co-Director/Trauma Medical Director

## Statement of Support

### Terre Haute Regional Hospital Trauma Program

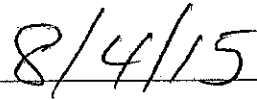
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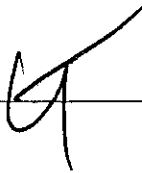


Alfred Bowles, MD

Neurosurgery Liaison/ Neurosurgeon



Date



Christine Toevs

Trauma Medical Director



Date



## Statement of Support

### Terre Haute Regional Hospital Trauma Program


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I, , affirm my support of the trauma program at Terre Haute Regional Hospital, and my commitment to maintain the high standards needed to provide optimal care of all trauma patients as required under the American College of Surgeons Standards.

  
Jake Heiney, MD

Orthopedic Liaison/ Orthopedic Surgeon

8/30/15  
Date

  
Christine Toevs

Trauma Medical Director

8-4-2015  
Date




Statement of Support

Terre Haute Regional Hospital Trauma Program

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I affirm my support of the trauma program at Terre Haute Regional Hospital, and my commitment to maintain the high standards needed to provide optimal care of all trauma patients as required under the American College of Surgeons Standards.

 9/9/15

Elizabeth Kim, MD

Date

Trauma Surgeon/Critical Care Physician



Christine Toevs, MD

Date

8/4/2015

ICU Liaison/ICU Co-Director/Trauma Medical Director

Statement of Support

Terre Haute Regional Hospital Trauma Program

Due to the fact that there is an identified need for Level II trauma services in the city of Terre Haute in Vigo County, and in the surrounding regions and the development and maintenance of a Level II trauma center has been shown to increase the quality of trauma care, with distinct positive impact on morbidity and mortality outcomes,

I, affirm my support of the trauma program at Terre Haute Regional Hospital, and my commitment to maintain the high standards needed to provide optimal care of all trauma patients as required under the American College of Surgeons Standards.

*David Lin*

8/26/2015

David Lin, MD

Date

Orthopedic Surgeon

*[Signature]*

Jake Heiney, MD

8/20/15

Date

Orthopedic Liaison

*[Signature]*

Christine Toews

9/17/15

Date

Trauma Medical Director

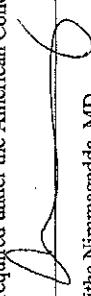
94

Statement of Support

Terre Haute Regional Hospital Trauma Program

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Anitha Nimmagadda, MD  
Date 9/17/15

95  
  
Alfred Bowles, MD  
Date 8/4/15

Neurosurgery Liaison

  
Christine Toevs  
Date 8-4-2015

Trauma Medical Director

Statement of Support

Terre Haute Regional Hospital Trauma Program

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Ratul Naydu

Ratul Raychaudhuri, MD

Neurosurgeon

9/3/15

Date

96

OPB

Alfred Bowles, MD

Neurosurgery Liaison/Neurosurgeon

8/4/15

Date

CT

Christine Toews

Trauma Medical Director

8/4/2015

Date

## Statement of Support

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Todd Reilly, MD

8/4/15  
Date

Orthopedic Surgeon

  
Jake Heiney, MD

8/30/15  
Date

Orthopedic Liaison

  
Christine Toews

8/4/2015  
Date

Trauma Medical Director

Statement of Support

Terre Haute Regional Hospital Trauma Program

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J. Saadi, MD 9-11-2015

James Saadi, MD

Date

APB 8/4/15

Alfred Bowles, MD

Date

Neurosurgery Liaison/Neurosurgeon

CT 8-4-2015

Christine Toews

Date

Trauma Medical Director

## Statement of Support

### Terre Haute Regional Hospital Trauma Program

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Keith Thomae MD

Keith Thomae, MD

8/11/15

Date

Trauma Surgeon/Critical Care Physician

CT

Christine Toevs, MD

8/11/15

Date

ICU Liaison/ICU Co-Director/Trauma Medical Director

## **Statement of Support**

### **Terre Haute Regional Hospital Trauma Program**

Due to the fact that there is an identified need for Level II trauma services in the city of Terre Haute in Vigo County, and in the surrounding regions and the development and maintenance of a Level II trauma center has been shown to increase the quality of trauma care, with distinct positive impact on morbidity and mortality outcomes;

I affirm my support of the trauma program at Terre Haute Regional Hospital, and my commitment to maintain the high standards needed to provide optimal care of all trauma patients as required under the American College of Surgeons Standards.



9-21-2015

Christine Toevs, MD

Date

ICU Liaison/ICU Co-Director/Trauma Medical Director



**Statement of Support**  
**Terre Haute Regional Hospital Trauma Program**

Due to the fact that there is an identified need for Level II trauma services in the city of Terre Haute in Vigo County, and in the surrounding regions and the development and maintenance of a Level II trauma center has been shown to increase the quality of trauma care, with distinct positive impact on morbidity and mortality outcomes;

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9/9/15

Lawrence Vieira, MD

Date

Orthopedic Surgeon



Jake Hainey, MD

8/30/15

Date

Orthopedic Liaison



Christine Toews

8-4-2015

Date

Trauma Medical Director

**Terre Haute Regional Hospital**  
**Level II Application**

	<b># of Highest Level Activations</b>	<b># with surgeon response within required timeframe (15 minutes)</b>	<b>% within required response timeframe (ACS Benchmark= &gt;80% compliance)</b>
Christine Toevs	3	3	100%
Mohamed Ahmed, MD	2	2	100%
John Aucar, MD	4	4	100%
Paul Bauer, MD	3	3	100%
Elizabeth Kim, MD	3	3	100%
Keith Thomae, MD	1	1	100%
Benoit Blondeau, MD	2	2	100%



## Disaster Committee

As chairperson of the Terre Haute Regional Hospital Disaster Committee, I verify that Dr. Christine Toevs, Trauma Medical Director, has attended disaster committee meetings here at Terre Haute Regional since beginning her role as Trauma Medical Director on April 1, 2015.

A handwritten signature in cursive script, appearing to read "M. Young", written over a horizontal line.

Mindy Young


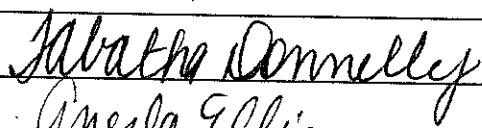
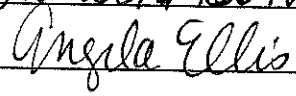
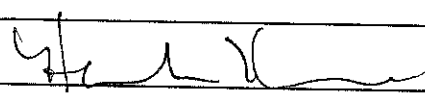
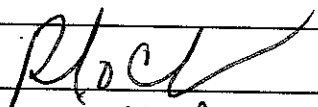
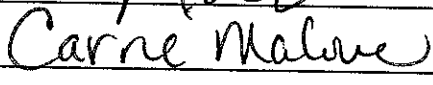
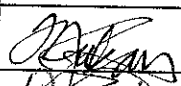
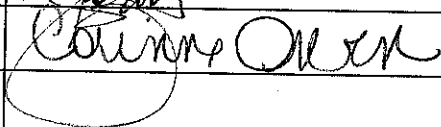

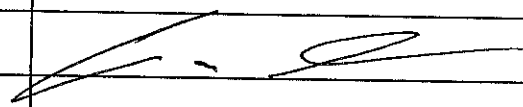

Chairperson, Terre Haute Regional Hospital Disaster Committee

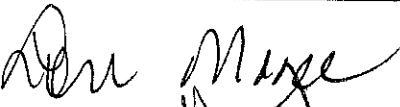

8-11-15

Date

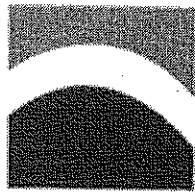
# Emergency Management Committee

26-Jun-15

Dr. Christine Toevs	
Adamson, Bruce	
Cagle, Lisa	
Ciolfi, Marsha	
Crouch, Jason	
Donnelly, Tabatha	
Ellis, Angela	
Farris, Michelle	
Foote, Ann Marie	
Frantz, Zoey	
Helman, Hannah	
Helman, Jason	
Jones, Valerie	
Lock, Rebecca	
Malone, Carrie	
Newton, Mike	
Nutgrass, Terri	
Owen, Corinne	
Pender, Katrina	
Penman, Rita	
Prestridge, Tim	
Sanders, Don	
Smith, Brian	
Stoffel, Curtis	
Watt, James	
Young, Mindy	

Andrea Helman



TERRE HAUTE  
**Regional**  
HOSPITAL

Original Issue: N/A  
Reviewed: N/A  
Last Revised: N/A  
Expiration: N/A  
Owner: Carrie Malone: Director of  
Trauma Services  
Department/Scope: Trauma (ERT)  
References:

## Notification of Back up Trauma Surgeon

### PURPOSE:

To ensure immediate and appropriate care of the trauma patient.

### POLICY:

In the event that the Primary Trauma Surgeon on duty is in the operating room or unavailable for the other trauma patient emergencies including the ICU, the trauma surgeon on back-up call (Back-Up Trauma Surgeon) will be called according to the pre-established guidelines. The process will ensure appropriate care of the trauma patient.

### PROCEDURE:

A. Trauma back-up coverage will be determined as follows:

1. There will be a posted Trauma Back-up call schedule.
2. In addition, the Back-up Trauma Surgeon on call will arrive promptly to assist in the Operating Room or ICU when summoned by the Primary Trauma Surgeon.
3. The Backup Trauma Surgeon:
  - i. Will perform no elective surgery procedures, during the on-call period, that would render the trauma surgeon unavailable to become the Primary Trauma Surgeon.
  - ii. Will refrain from taking general surgery emergency calls or trauma calls at any other facility while on trauma call at Terre Haute Regional Hospital.
  - iii. Will refrain from any activity that would delay or prohibit them from becoming the Primary Trauma Surgeon when notified.

### Attachments:

No Attachments

	ATLS	Board Certification	CME
Mohamed Ahmed, MD	Yes	Yes	26
John Aucar, MD	Yes	Yes	21
Paul Bauer, MD	Yes	Yes	21
Benoit Blondeau, MD	Yes	Yes	16.5
Elizabeth Kim, MD	Yes	Yes	20.5
Keith Thomae, MD	Yes	Yes	18.5

## Mohamed Ahmed, MD


12/4/2014	Physiology of Hemodynamic Support	0.5
1/28/2015	Management of Severe Septic Shock	0.5
1/28/2015	Trauma Management	0.5
1/28/2015	Traumatic Brain Injury	0.5
1/28/2015	Trauma in Pregnancy	0.5
2/1/2015	Peripheral Nerve Block technique	0.5
2/1/2015	Anatomy of the abdominal wall	0.5
2/1/2015	Urinary Tract Injury	0.5
2/2/2015	Trauma in Pregnancy	0.5
2/2/2015	Initial Management of Trauma Patients	0.5
2/9/2015	Ureteral Injury	0.5
2/10/2015	FAST exams	0.5
3/25/2015	Blood Transfusion Guidelines	0.5
3/25/2015	Trauma in Adults	0.5
3/25/2015	Vasopressors in Trauma	0.5
3/25/2015	Traumatic Iritis	0.5
3/25/2015	TBI Classification and Pathophysiology	0.5
3/25/2015	Trauma Blood Transfusion	0.5
3/28/2015	Lip laceration in children	0.5
3/28/2015	Jaw Fracture in Adult	0.5
3/28/2015	Facial Fracture in adults	0.5
3/28/2015	Anticoagulation	0.5
3/28/2015	Upper Extremity DVT	0.5
3/28/2015	Limb Ischemia	0.5
3/28/2015	ARDS Treatment	0.5
3/28/2015	Trauma, blunt and penetrating injury	0.5
3/28/2015	TBI in Children	0.5
3/28/2015	Ureteral Injury in Children	0.5
5/19/2015	Resuscitative Thoracotomy technique	0.5
5/20/2015	Placement of vena cava filters and their complications	0.5
5/21/2015	Trauma Grand Rounds - Portsmouth Regional Hospital	1.5
5/23/2015	Skull Fractures in Adults	0.5
5/24/2015	Initial Evaluation and Management of Abdominal Stab Wounds	0.5
5/25/2015	Approach to acute knee pain and injury in children	0.5
5/27/2015	Evaluation and Management of Elevated Intracranial Pressure in Adults	0.5
5/29/2015	Evaluation of the pt with neck pain and c-spine disorders	0.5
5/29/2015	Minor Head Injury in Infants and Children	0.5
5/29/2015	Concussion and Mild Traumatic Brain Injury	0.5
5/29/2015	Management of Acute Severe Traumatic Brain Injury	0.5
6/7/2015	DVT Screening	0.5
6/8/2015	Reversal of Anticoagulation in Blunt Head Trauma	0.5
6/8/2015	Blunt Cerebrovascular Injury	0.5
6/8/2015	Geriatric Trauma	0.5
6/11/2015	Blunt Abdominal Trauma	0.5
6/13/2015	Lower Extremity Fasciotomy	0.5

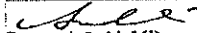
6/14/2025	Smoke Inhalation	0.5
6/23/2015	Pulmonary Contusions	0.5
6/23/2015	Cardiac Contusion in Blunt Trauma	0.5
7/5/2015	Evaluation and Initial Approach in shock	0.5
7/5/2015	Maintenance and fluid replacement	0.5
<b>Total</b>		<b>2.6</b>



# Mohamed A Ahmed, MD

is recognized as having successfully completed the  
ATLS® Course for Doctors according to the standards  
established by the ACS Committee on Trauma.

  
Karen Brasel, MD, FACS  
Chairperson,  
ATLS Subcommittee

  
Saman Arbabi, MD  
ACS Chairperson,  
State/Provincial  
Committee on Trauma

ATLS Course Director

Date of Issue: 09/28/2013

Date of Expiration: 09/28/2017

## Mohamed A Ahmed, MD

is recognized as having successfully completed the  
ATLS® Course for Doctors according to the standards  
established by the ACS Committee on Trauma.

Issue Date: 09/28/2013

Expiration Date: 09/28/2017

  
Chairperson,  
ATLS Subcommittee

Chairperson,  
ATLS Subcommittee

  
ACS Chairperson,  
State/Provincial  
Committee on Trauma

ACS Chairperson,  
State/Provincial  
Committee on Trauma

CS: 4304f-P Course Director ATLS ID

Replacement ATLS cards are available for a \$10 USD fee.

# THE AMERICAN BOARD OF SURGERY

Incorporated



created in 1937 for the certification of Surgeons  
hereby declares that

**Mohamed Auda Ahmed**

having been previously certified, has satisfied all the  
requirements for recertification and is hereby reaffirmed  
as certified in the specialty of Surgery

Affiant

*[Signature]*  
CHAIRMAN

*[Signature]*  
VICE CHAIRMAN

Philadelphia, Pa.

*[Signature]*  
SECRETARY-TREASURER

ISSUED: December 7, 2009

VALID UNTIL: July 4, 2010

CERTIFICATE NO. 16587

## CME Tracker

Our records identify you as Mohamed Ahmed Usomani: maamand.  
If this is not your account, please Log Out and log in again.  
View State CME Requirements:

Not Verified for AMA PRA Attribution

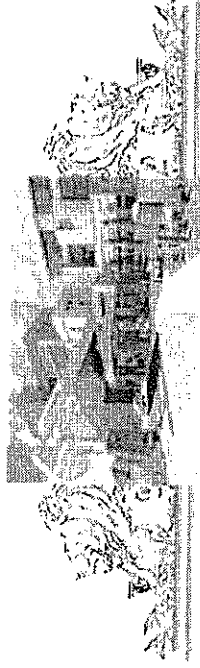
Total Credits Earned from 01/2013 Through 12/2014 Change Date Range

## Completed CME Activities

Activity Title	Core Competencies	Provider	Published	Credit Type	Credits
Rapidly Growing Mycobacteria Associated with Leprosy in South India: A Review, Australia, 2005-2014 View Activity   View Print Certificate	Medical Knowledge	Medscape	12/04/14	AMA PRA Category 1 Credit(s)	1.00
Physiology of Hemodynamic Support: What the Heart Needs and Why View Activity   View Print Certificate	Patient Care and Procedural Skills, Practice-based Learning and Improvement, Medical Knowledge	Medscape	12/04/14	AMA PRA Category 1 Credit(s)	0.50
Bilateral Mastectomy Yields No Survival Benefit View Activity   View Print Certificate	Medical Knowledge	Medscape	12/04/14	AMA PRA Category 1 Credit(s)	0.50
Perspectives on Triple Negative Breast Cancer View Activity   View Print Certificate	Medical Knowledge	Medscape	12/04/14	AMA PRA Category 1 Credit(s)	0.25
Clinical Updates in the Treatment of Hypoparathyroidism View Activity   View Print Certificate	Medical Knowledge	Medscape	12/04/14	AMA PRA Category 1 Credit(s)	0.25
Application of MRI for Treatment Decisions in Breast Cancer View Activity   View Print Certificate	Medical Knowledge	Medscape	12/03/14	AMA PRA Category 1 Credit(s)	1.25
Optimizing Treatment of Small Bowel Syndrome: A Case-based Approach View Activity   View Print Certificate	Medical Knowledge, Practice-based Learning and Improvement	Medscape	12/03/14	AMA PRA Category 1 Credit(s)	1.75
Clinical Issues in the Management of HCC View Activity   View Print Certificate	Medical Knowledge	Medscape	09/09/14	AMA PRA Category 1 Credit(s)	1.75
Clinical Challenges in Metastatic Colorectal Cancer: Beyond the First Line View Activity   View Print Certificate	Medical Knowledge	Medscape	09/04/14	AMA PRA Category 1 Credit(s)	1.25
Treating Obesity: New Insights and Recommendations for an Aging Health Workforce View Activity   View Print Certificate	NA	Vincent Medical Education	09/09/14	AMA PRA Category 1 Credit(s)	1.00
Breast Cancer Highlights: San Antonio 2013 View Activity   View Print Certificate	Medical Knowledge, Patient Care and Procedural Skills	Medscape	04/12/14	AMA PRA Category 1 Credit(s)	0.50
Management and Secondary Prophylaxis of VTE at the Crossroads View Activity   View Print Certificate	Patient Care and Procedural Skills, Medical Knowledge	Medscape	04/12/14	AMA PRA Category 1 Credit(s)	0.50
Does Double Mastectomy Cut Deaths From Hormonal Breast Cancer? View Activity   View Print Certificate	Medical Knowledge	Medscape	04/12/14	AMA PRA Category 1 Credit(s); AAFP Prescribed credit(s)	0.25
Managing Triple-Negative Metastatic Breast Cancer View Activity   View Print Certificate	Medical Knowledge	Medscape	01/07/14	AMA PRA Category 1 Credit(s)	1.00
Prostate Cancer (R2): Breast Cancer: A CME Visual Patient Simulation View Activity   View Print Certificate	Medical Knowledge, Patient Care and Procedural Skills	Medscape	02/10/13	AMA PRA Category 1 Credit(s)	0.50
Managing Advanced Basal Cell Carcinoma: A Patient Simulation View Activity   View Print Certificate	Medical Knowledge, Patient Care and Procedural Skills	Medscape	12/19/13	AMA PRA Category 1 Credit(s)	0.25
5 Things You Need to Know About Hypoparathyroidism: A Clinical Perspective View Activity   View Print Certificate	Patient Care and Procedural Skills, Medical Knowledge	Medscape	11/20/13	AMA PRA Category 1 Credit(s)	0.25
Meaningful Use Stage 2: What's New for Eligible Professionals?	Systems-based Practice	Medscape	09/27/10	AMA PRA Category 1 Credit(s)	1.00

# PORTSMOUTH REGIONAL HOSPITAL

## CERTIFICATE OF COMPLETION



**Name:** Mohamed Ahmed, MD    *is awarded: 1.5 AMA PRA Category 1 Credits™*

**Title:** Trauma Grand Rounds – Do I stay or do I go? Pediatric Trauma at a Non-Pediatric  
Hospital: Admission vs. Transfer & CT Guidelines

**Format:** Live Course    **Date(s):** May 21, 2015

**Location:** Portsmouth Regional Hospital, 333 Borthwick Avenue, Portsmouth, NH 03801

The Portsmouth Regional Hospital Continuing Medical Education Program designated this live course activity for a maximum of 1.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. The Portsmouth Regional Hospital Continuing Medical Education Program is accredited by the New Hampshire Medical Society (NHMS), an ACCME-Recognized Accreditor, to provide continuing medical education for physicians.

*Elanor L. Pickens*

ELANOR L. PICKENS, MLIS  
PRH CME PROGRAM COORDINATOR  
TEL: (603) 433-4094 FAX: (603) 433-5144



Wolters Kluwer Health

Mohamed Ahmed

has participated in the Internet point-of-care activity titled

Dec 28, 2014 - Feb 02, 2015

and is awarded

20.0 AMA PRA Category 1 Credit(s)™

*Denise Basow*

Denise S. Basow, MD Vice President and General Manager

Certificate 79657800 (Feb 02, 2015)

See reverse side for accreditation statements

- 4.5 hrs (trans)

## Mohamed Ahmed Usage Log for CME submission 79657800

Activity Dates: December 28, 2014 to February 02, 2015

AMA PRA Category 1 Credit™

Credit Type: (AAFP Prescribed credit, AAP credit, AAPA equivalent credit, ACEP credit, ACOG cognate credit, AOA Category 2-B credit, DFP-Austria, RCPSC, CPD-Ireland, SMC, HPCSA, UEMS, HAAD, HKCP)

Amount: 20.000

Process Date: February 02, 2015

Date	Source	Search terms/Clinical question	Topic(s) Reviewed	I searched for information about	How did you apply the information to your practice?	Credits
Feb 2 2015 03:06:42AM GMT	WEB	botox	03:06:50AM GMT Overview of botulinum toxin for cosmetic indications	Treatment	I need more information	0.500
Feb 2 2015 03:05:49AM GMT	WEB	gonorrhea treatment	03:05:53AM GMT Treatment of uncomplicated gonococcal infections	Treatment	This reinforced my plan	0.500
Feb 2 2015 03:04:46AM GMT	WEB	syphilis	03:04:51AM GMT Pathogenesis, clinical manifestations, and treatment of early syphilis	Diagnosis	This reinforced my plan	0.500
Feb 2 2015 03:03:59AM GMT	WEB	rubella	03:04:05AM GMT Rubella in pregnancy	Other	I need more information	0.500
Feb 2 2015 03:02:48AM GMT	WEB	mumps adult	03:02:50AM GMT Epidemiology, clinical manifestations, diagnosis, and management of mumps	Other	I need more information	0.500
Feb 2 2015 03:02:13AM GMT	WEB	measles	03:02:16AM GMT Clinical presentation and diagnosis of measles	Other	I need more information	0.500
Feb 2 2015 03:00:22AM GMT	WEB	trauma in pregnancy	03:00:26AM GMT Trauma in pregnancy	Treatment	This reinforced my plan	0.500
Feb 2 2015 02:40:08AM GMT	WEB	trauma adult	02:40:13AM GMT Initial management of trauma in adults	Other	This reinforced my plan	0.500
Feb 2 2015 02:31:48AM GMT	WEB	tinea capitis	02:32:23AM GMT Dermatophyte (tinea) infections	Other	I need more information	0.500
Feb 2 2015 02:25:42AM GMT	WEB		02:25:49AM GMT	Treatment		0.500

		colon cancer lymph node resection		Surgical resection of primary colon cancer		This reinforced my plan	
Feb 2 2015 02:03:53AM GMT	WEB	colon cancer treatment	02:04:00AM GMT	Overview of the management of primary colon cancer	Treatment	This reinforced my plan	0.500
Feb 2 2015 01:56:33AM GMT	WEB	nissen fundoplication	01:56:42AM GMT	Surgical management of gastroesophageal reflux in adults	Treatment	This reinforced my plan	0.500
Feb 2 2015 01:54:51AM GMT	WEB	peptic ulcer treatment	01:55:35AM GMT 01:54:55AM GMT	Indications and diagnostic tests for Helicobacter pylori infection Overview of the natural history and treatment of peptic ulcer disease	Treatment	This reinforced my plan	0.500
Feb 2 2015 01:43:50AM GMT	WEB	Trastuzumab: Drug information	01:44:06AM GMT	Trastuzumab: Drug information	Other	I need more information	0.500
Feb 2 2015 01:25:15AM GMT	WEB	her2 neu	01:40:08AM GMT 01:25:22AM GMT	Trastuzumab: Drug information HER2 and predicting response to therapy in breast cancer	Other	I need more information	0.500
Feb 1 2015 10:56:40PM GMT	WEB	identification of ureters	11:00:15PM GMT 10:56:48PM GMT	Abdominal perineal resection (APR). Open technique Urinary tract injury in gynecologic surgery: Prevention	Other	I need more information	0.500
Feb 1 2015 08:52:07PM GMT	WEB	male infertility	08:52:12PM GMT	Evaluation of male infertility	Other	I need more information	0.500
Feb 1 2015 08:27:40PM GMT	WEB	intra ductal breast cancer in male	08:27:53PM GMT	Clinical features, diagnosis, and evaluation of gynecomastia	Treatment	This reinforced my plan	0.500
Feb 1 2015 08:01:19PM GMT	WEB	intra ductal breast cancer	08:21:26PM GMT 08:01:29PM GMT	Trastuzumab: Drug information Overview of the treatment of newly diagnosed, non-metastatic breast cancer	Other	I need more information	0.500
Feb 1 2015 07:44:55PM GMT	WEB	breast cancer in men	07:45:04PM GMT	Breast cancer in men	Other	I need more information	0.500

Feb 1 2015 07:30:52PM GMT	WEB	toddies fascia	07:31:04PM GMT	Peripheral nerve block: Techniques	Other	I need more information	0.500
Feb 1 2015 07:28:10PM GMT	WEB	gerotes fascia	07:28:18PM GMT	Anatomy of the abdominal wall	Other	This reinforced my plan	0.500
Feb 1 2015 07:17:33PM GMT	WEB	diverticulitis treatment	07:17:36PM GMT	Nonoperative management of acute uncomplicated diverticulitis	Treatment	This reinforced my plan	0.500
Feb 1 2015 07:08:34PM GMT	WEB	hinchey classification	07:08:40PM GMT	Management of acute complicated diverticulitis	Treatment	This reinforced my plan	0.500
Feb 1 2015 05:05:23AM GMT	WEB	acute appendicitis treatment	05:05:28AM GMT	Management of acute appendicitis in adults	Other	This reinforced my plan	0.500
Feb 1 2015 04:49:21AM GMT	WEB	acute cholecystitis treatment	04:49:25AM GMT	Treatment of acute calculous cholecystitis	Other	This reinforced my plan	0.500
Feb 1 2015 04:46:02AM GMT	WEB	diverticulitis management	04:46:12AM GMT	Nonoperative management of acute uncomplicated diverticulitis	Treatment	This reinforced my plan	0.500
Feb 1 2015 04:39:13AM GMT	WEB	surgical indication for diverticulitis	04:39:18AM GMT	Management of acute complicated diverticulitis	Treatment	This reinforced my plan	0.500
Feb 1 2015 04:37:57AM GMT	WEB	ladies trial	04:38:15AM GMT	Clinical trials of cholesterol lowering in patients with cardiovascular disease or diabetes	Other	I need more information	0.500
Jan 31 2015 08:10:30PM GMT	WEB	kidney stones	08:10:34PM GMT	Diagnosis and acute management of suspected nephrolithiasis in adults	Diagnosis	This reinforced my plan	0.500
Jan 28 2015 01:10:35AM GMT	WEB	trauma in pregnancy	01:10:39AM GMT	Trauma in pregnancy	Other	This reinforced my plan	0.500 ✓
Jan 28 2015 01:09:39AM GMT	WEB	traumatic brain injury	01:09:43AM GMT	Traumatic brain injury: Epidemiology, classification, and pathophysiology	Other	I need more information	0.500 ✓
Jan 28 2015 01:01:55AM GMT	WEB	trauma	01:02:02AM GMT	Initial management of trauma in adults	Treatment	This reinforced my plan	0.500 ✓



Jan 28 2015 12:53:08AM GMT	WEB	procalcitonin adult	12:53:20AM GMT	Diagnostic approach to community- acquired pneumonia in adults	Other	I need more information	0.500
Jan 28 2015 12:43:44AM GMT	WEB	procalcitonin sepsis	12:43:50AM GMT	Evaluation and management of severe sepsis and septic shock in adults	Treatment	This reinforced my plan	0.500
Jan 6 2015 10:24:56PM GMT	WEB	influenza diagnosis	10:25:01PM GMT	Diagnosis of seasonal influenza in adults	Other	I need more information	0.500
Jan 6 2015 10:24:06PM GMT	WEB	influenza treatment	10:24:12PM GMT	Treatment of seasonal influenza in adults	Other	I need more information	0.500
Dec 28 2014 05:47:00AM GMT	WEB	obesity and gastroparesis	05:47:09AM GMT	Electrical stimulation for gastroparesis	Other	I need more information	0.500
Dec 28 2014 05:45:23AM GMT	WEB	gastroparesis children	05:45:26AM GMT	Approach to the infant or child with nausea and vomiting	Other	I need more information	0.500
Dec 28 2014 05:43:37AM GMT	WEB	obesity in children	05:43:46AM GMT	Definition; epidemiology; and etiology of obesity in children and adolescents	Other	I need more information	0.500
Total:							20.000

## Your CME Evaluation

## 1) My use of UpToDate:

- a) reinforces my approach and my knowledge of the evidence supporting the approach Agree
- b) modifies the way I manage patients Agree
- c) improves the quality of care I provide to my patients Agree

## 2) Purpose: The UpToDate program allows clinicians to effectively find information at the point of care to improve patient management:

Agree

## 3) Did you perceive commercial bias in the UpToDate content?

No



Mohamed Ahmed

has participated in the Internet point-of-care activity titled

Feb 07, 2015 - Feb 13, 2015

and is awarded

10.0 AMA PRA Category 1 Credit(s)<sup>™</sup>

*Denise Basow*

Denise S. Basow, MD Vice President and General Manager

See reverse side for accreditation statements

Certificate 80599200 (Feb 13, 2015)

(Thaw 1-5 hrs)

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### Mohamed Ahmed Usage Log for CME submission 80599200

Activity Dates: February 07, 2015 to February 13, 2015

AMA PRA Category 1 Credit™

Credit Type: (AAFP Prescribed credit, AAP credit, AAPA equivalent credit, ACEP credit, ACOG cognate credit, AOA Category 2-B credit, DFP-Austria, RCPSC, GPD-Ireland, SMC, HPCSA, UEMS, HAAD, HKCP)

Amount: 10.000

Process Date: February 13, 2015

Date	Source	Search terms/Clinical question	Topic(s) Reviewed	I searched for information about	How did you apply the information to your practice?	Credits
Feb 13 2015 06:24:42PM GMT	WEB	ghrelin	06:24:48PM GMT Ghrelin	Other	I need more information	0.500
Feb 13 2015 06:05:06PM GMT	WEB	sleeve gastrectomy	06:24:19PM GMT Imaging studies after bariatric surgery 06:10:02PM GMT Late complications of bariatric surgical operations 06:05:46PM GMT Bariatric surgical operations for the management of severe obesity: Descriptions	Other	I need more information	0.500
Feb 13 2015 05:39:40AM GMT	WEB	autism children prognosis	05:39:43AM GMT Autism spectrum disorder in children and adolescents: Overview of management	Other	I need more information	0.500
Feb 13 2015 05:21:15AM GMT	WEB	autism children	05:21:37AM GMT Autism spectrum disorder: Diagnosis	Other	I need more information	0.500
Feb 13 2015 05:19:14AM GMT	WEB	risk of congenital chicken pox	05:19:22AM GMT Varicella-zoster virus infection in pregnancy	Other	I need more information	0.500
Feb 13 2015 05:14:22AM GMT	WEB	chicken pox in pregnancy risk	05:14:35AM GMT Varicella-zoster virus infection in pregnancy	Other	I need more information	0.500
Feb 13 2015 05:13:16AM GMT	WEB	chicken pox in pregnancy	05:13:44AM GMT Initial prenatal assessment and first trimester prenatal care	Other	I need more information	0.500
Feb 12 2015 06:32:07AM GMT	WEB	gluten free diet	06:32:38AM GMT Clinical manifestations and diagnosis of	Other	I need more information	0.500

				celiac disease in children			
Feb 12 2015 06:24:46AM GMT	WEB	autism treatment	06:24:50AM GMT	Autism spectrum disorder in children and adolescents: Overview of management	Other	I need more information	0.500
Feb 12 2015 06:23:59AM GMT	WEB	celiac and autism	06:24:22AM GMT	Nutrition and dietary interventions in adults with inflammatory bowel disease	Other	I need more information	0.500
Feb 10 2015 03:33:57AM GMT	WEB	fast exam	03:34:03AM GMT	Emergency ultrasound in adults with abdominal and thoracic trauma	Other	I need more information	0.500
Feb 10 2015 02:48:49AM GMT	WEB	hypoadrenal shock	02:48:54AM GMT	Corticosteroid therapy in septic shock	Other	I need more information	0.500
Feb 9 2015 03:03:47AM GMT	WEB	ureteral stone	03:03:50AM GMT	Diagnosis and acute management of suspected nephrolithiasis in adults	Other	I need more information	0.500
Feb 9 2015 02:06:58AM GMT	WEB	ureter injury	03:03:15AM GMT	Blunt genitourinary trauma: Initial evaluation and management	Other	I need more information	0.500
			03:02:36AM GMT	Urinary tract injury in gynecologic surgery: Evaluation and management			
			03:02:20AM GMT	Surgical repair of an iatrogenic ureteral injury			
			02:44:57AM GMT	Management of intra-abdominal, pelvic, and genitourinary complications of colorectal surgery			
			02:38:15AM GMT	Surgical repair of an iatrogenic ureteral injury			
			02:07:13AM GMT	Urinary tract injury in gynecologic surgery: Evaluation and management			
	WEB	breast cyst	11:42:39PM GMT		Other		0.500

Feb 8 2015 11:42:35PM GMT				Breast cysts: Clinical manifestations, diagnosis, and management		I need more information	
Feb 8 2015 11:15:06PM GMT	WEB	pancreatic cyst	11:15:13PM GMT	Classification of pancreatic cysts	Other	I need more information	0.500
Feb 8 2015 11:00:14PM GMT	WEB	renal cyst	11:00:43PM GMT	Simple and complex renal cysts in adults	Other	I need more information	0.500
Feb 8 2015 08:01:45PM GMT	WEB	breast cancer screening	08:01:48PM GMT	Screening for breast cancer: Strategies and recommendations	Other	I need more information	0.500
Feb 7 2015 11:28:45PM GMT	WEB	GIST tumor of the appendix	11:29:05PM GMT	Local treatment for gastrointestinal stromal tumors, leiomyomas, and leiomyosarcomas of the gastrointestinal tract	Other	I need more information	0.500
Feb 7 2015 11:25:00PM GMT	WEB	her2 neu positive breast ca	11:25:04PM GMT	Adjuvant medical therapy for HER2 -positive breast cancer	Other	I need more information	0.500
Total:							10.000

## Your CME Evaluation

## 1) My use of UpToDate:

- a) reinforces my approach and my knowledge of the evidence supporting the approach Agree
- b) modifies the way I manage patients Agree
- c) improves the quality of care I provide to my patients Agree

## 2) Purpose: The UpToDate program allows clinicians to effectively find information at the point of care to improve patient management:

Agree

## 3) Did you perceive commercial bias in the UpToDate content?

No

## 4) Are you a:

Physician

121



Mohamed Ahmed

has participated in the Internet point-of-care activity titled

Feb 25, 2015 - Mar 25, 2015

and is awarded

5.0 AMA PRA Category 1 Credit(s)<sup>™</sup>

*Denise Basow*

Denise S. Basow, MD Vice President and General Manager

Certificate 83406200 (Mar 25, 2015)

See reverse side for accreditation statements

(Trans 3-5 hrs)

## Mohamed Ahmed Usage Log for CME submission 83406200

Activity Dates: February 25, 2015 to March 25, 2015

AMA PRA Category 1 Credit™

Credit Type: (AAPF Prescribed credit, AAP credit, AAPA equivalent credit, ACEP credit, ACOG cognate credit, AOA Category 2-B credit, DFP-Austria, RCPSC, CPD-Ireland, SMC, HPCSA, UEMS, HAAD, HKCP)

Amount: 5.000

Process Date: March 25, 2015

Date	Source	Search terms/Clinical question	Topic(s) Reviewed	I searched for information about	How did you apply the information to your practice?	Credits
Mar 25 2015 07:11:04PM GMT	WEB	vassopressors in trauma	07:11:33PM GMT Overview of cervical spinal cord and cerebral peripheral nerve injuries in the child or adolescent athlete	Other	I need more information	0.500
Mar 25 2015 06:48:12PM GMT	WEB	blood transfusion guidelines	06:48:18PM GMT Indications and hemoglobin thresholds for red blood cell transfusion in the adult	Other	I need more information	0.500
Mar 25 2015 06:00:40PM GMT	WEB	trauma blood transfusion	06:00:51PM GMT Trauma management: Approach to the unstable child	Other	I need more information	0.500
Mar 25 2015 05:57:52PM GMT	WEB	trauma adult	05:57:58PM GMT Initial management of trauma in adults	Other	I need more information	0.500
Mar 25 2015 04:48:40AM GMT	WEB	traumatic iritis	04:48:44AM GMT Evaluation of the red eye	Other	I need more information	0.500
Mar 25 2015 04:36:39AM GMT	WEB	traumatic brain injury	04:36:45AM GMT Traumatic brain injury. Epidemiology, classification, and pathophysiology	Other	I need more information	0.500
Mar 2 2015 10:33:19PM GMT	WEB	alopecia areata due to chemical	10:33:29PM GMT Management of alopecia areata	Other	I need more information	0.500
Mar 2 2015 10:23:18PM GMT	WEB	alopecia areata	10:23:25PM GMT Clinical manifestations and diagnosis of alopecia areata	Other	I need more information	0.500
Feb 25 2015 03:43:21AM GMT	WEB	inguinal lymphadenopathy	03:44:40AM GMT Evaluation of peripheral lymphadenopathy in adults	Other	I need more information	0.500

Feb 25 2015 02:21:28AM GMT	WEB	robotic surgery	02:21:33AM GMT	Robot-assisted laparoscopy	Other	I need more information	0.500
Total:							5.000

## Your CME Evaluation

## 1) My use of UpToDate:

- a) reinforces my approach and my knowledge of the evidence supporting the approach Agree
- b) modifies the way I manage patients Agree
- c) improves the quality of care I provide to my patients Agree

## 2) Purpose: The UpToDate program allows clinicians to effectively find information at the point of care to improve patient management:

Agree

## 3) Did you perceive commercial bias in the UpToDate content?

No

## 4) Are you a:

Physician

## 5) What is your specialty?

Surgery

## 6) What is your type of practice?

Other

Close





Mohamed Ahmed

has participated in the Internet point-of-care activity titled

Mar 28, 2015 - Mar 28, 2015

and is awarded

5.0 AMA PRA Category 1 Credit(s)™

*Denise Basow*

Denise S. Basow, MD Vice President and General Manager

Certificate 83632200 (Mar 28, 2015)

See reverse side for accreditation statements

(Trans 4.5 hrs)

## Mohamed Ahmed Usage Log for CME submission 83632200

Activity Dates: March 28, 2015 to March 28, 2015

AMA PRA Category 1 Credit™

Credit Type: (AAFP Prescribed credit, AAP credit, AAPA equivalent credit, ACEP credit, ACOG cognate credit, AOA Category 2-B credit, DFP-Austria, RCPSC, CPD-Ireland, SMC, HPCSA, UEMS, HAAD, HKCP)

Amount: 5.000

Process Date: March 28, 2015

Date	Source	Search terms/Clinical question	Topic(s) Reviewed	I searched for information about	How did you apply the information to your practice?	Credits
Mar 28 2015 10:21:25PM GMT	WEB	lip laceration children	10:21:30PM GMT Assessment and management of lip lacerations	Other	This reinforced my plan	0.500 ✓
Mar 28 2015 10:20:33PM GMT	WEB	jaw fracture adult	10:20:48PM GMT Reduction of temporomandibular joint (TMJ) dislocation	Other	This reinforced my plan	0.500 ✓
Mar 28 2015 10:19:57PM GMT	WEB	facial fracture	10:20:04PM GMT Facial trauma in adults	Other	This reinforced my plan	0.500 ✓
Mar 28 2015 10:01:14PM GMT	WEB	anticoagulation	10:01:29PM GMT Anticoagulation with direct thrombin inhibitors and direct factor Xa inhibitors	Other	I need more information	0.500
Mar 28 2015 10:00:28PM GMT	WEB	upper extremity dvt	10:00:41PM GMT Catheter-related upper extremity venous thrombosis	Other	This reinforced my plan	0.500 ✓
Mar 28 2015 09:59:03PM GMT	WEB	limb ischemia	09:59:37PM GMT Lower extremity amputation	Other	I need more information	0.500 ✓
Mar 28 2015 07:47:16PM GMT	WEB	ARDS treatment	07:47:23PM GMT Acute respiratory distress syndrome Novel therapies in adults	Other	I need more information	0.500 ✓
Mar 28 2015 07:41:09PM GMT	WEB	trauma	07:46:45PM GMT Overview of cervical spinal cord and cervical peripheral nerve injuries in the child or adolescent athlete 07:46:07PM GMT Initial evaluation and management of blunt abdominal trauma in adults 07:45:32PM GMT Approach to the initially stable child with blunt or penetrating injury	Other	I need more information	0.500 ✓

			07:41:20PM GMT	Overview of inpatient management in the adult trauma patient			
Mar 28 2015 01:35:22AM GMT	WEB	traumatic brain injury children	01:35:27AM GMT	Initial approach to severe traumatic brain injury in children	Other	I need more information	0.500
Mar 28 2015 12:04:22AM GMT	WEB	ureter injury	12:04:37AM GMT	Approach to the initially stable child with blunt or penetrating injury	Other	I need more information	0.500
Total:							5.000

## Your CME Evaluation

## 1) My use of UpToDate:

- a) reinforces my approach and my knowledge of the evidence supporting the approach ☐ Agree
- b) modifies the way I manage patients ☐ Agree
- c) improves the quality of care I provide to my patients ☐ Agree

## 2) Purpose: The UpToDate program allows clinicians to effectively find information at the point of care to improve patient management:

☐ Agree

## 3) Did you perceive commercial bias in the UpToDate content?

☐ No

## 4) Are you a:

☐ Physician

## 5) What is your specialty?

☐ Surgery

## 6) What is your type of practice?

☐ Other



Mohamed Ahmed

has participated in the Internet point-of-care activity titled

Jul 05, 2015 - Jul 05, 2015

and is awarded

1.0 AMA PRA Category 1 Credit(s)™

*Denise Basow*

Denise S. Basow, MD Vice President and General Manager

Certificate 89053200 (Jul 06, 2015)

See reverse side for accreditation statements

*(Trans (hr))*

## Mohamed Ahmed Usage Log for CME submission 89053200

Activity Dates: July 05, 2015 to July 05, 2015

AMA PRA Category 1 Credit™

Credit Type: (AAFP Prescribed credit, AAP credit, AAPA equivalent credit, ACEP credit, ACOG cognate credit, AOA Category 2-B credit, DFP-Austria, RCPSC, CPD-Ireland, SMC, HPCSA, UEMS, HAAD, HKGP)

Amount: 1.000

Process Date: July 06, 2015

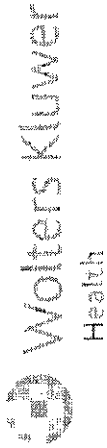
Date	Source	Search terms/Clinical question	Topic(s) Reviewed	I searched for information about	How did you apply the information to your practice?	Credits
Jul 5 2015 01:07:47AM GMT	WEB	dopamine drip	01:08:00AM GMT Evaluation of and initial approach to the adult patient with undifferentiated hypotension and shock	Treatment	This reinforced my plan	0.500
Jul 5 2015 01:04:18AM GMT	WEB	3 saline	01:05:07AM GMT Maintenance and replacement fluid therapy in adults  01:04:25AM GMT Treatment of hyponatremia: Syndrome of inappropriate antidiuretic hormone secretion (SIADH) and reset osmostat	Treatment	This reinforced my plan	0.500
Total:						1.000

## Your CME Evaluation

## 1) My use of UpToDate:

- a) reinforces my approach and my knowledge of the evidence supporting the approach Agree
- b) modifies the way I manage patients Agree
- c) improves the quality of care I provide to my patients Agree

## 2) Purpose: The UpToDate program allows clinicians to effectively find information at the point of care to improve patient management:



Mohamed Ahmed

has participated in the Internet point-of-care activity titled

May 19, 2015 - Jun 23, 2015

and is awarded

12.0 AMA PRA Category 1 Credit(s)<sup>™</sup>

*Denise Basow*

Denise S. Basow, MD Vice President and General Manager

Certificate 88393200 (Jun 23, 2015)

See reverse side for accreditation statements

(Trans 11.5 hrs)

## Mohamed Ahmed Usage Log for CME submission 88393200

Activity Dates: May 19, 2015 to June 23, 2015

AMA PRA Category 1 Credit™

Credit Type:

(AAFP Prescribed credit, AAP credit, AAPA equivalent credit, ACEP credit, ACOG cognate credit, AOA Category 2-B credit, DFP-Austria, RCPSC, CPD-Ireland, SMC, HPCSA, UEMS, HAAD, HKCP)

Amount:

12.000

Process Date:

June 23, 2015

Date	Source	Search terms/Clinical question	Topic(s) Reviewed	I searched for information about	How did you apply the information to your practice?	Credits
Jun 23 2015 10:47:17PM GMT	WEB	pulmonary contusion adult	10:47:20PM GMT Initial evaluation and management of blunt thoracic trauma in adults	Treatment	This reinforced my plan	0.500
Jun 23 2015 03:04:58AM GMT	WEB	cardiac contusion	03:05:02AM GMT Cardiac injury from blunt trauma	Treatment	This reinforced my plan	0.500
Jun 14 2015 03:39:33PM GMT	WEB	inhalation injury	03:40:16PM GMT Smoke inhalation	Treatment	This reinforced my plan	0.500
Jun 13 2015 05:56:47PM GMT	WEB	lower extremity fasciotomy	05:56:51PM GMT Lower extremity fasciotomy techniques	Treatment	This reinforced my plan	0.500
Jun 11 2015 09:56:53PM GMT	WEB	abdominal wall hematoma in trauma	09:57:10PM GMT Initial evaluation and management of blunt abdominal trauma in adults	Treatment	This reinforced my plan	0.500
Jun 8 2015 11:05:49PM GMT	WEB	geriatric trauma	11:05:55PM GMT Geriatric trauma. Initial evaluation and management	Treatment	This reinforced my plan	0.500
Jun 8 2015 10:51:18PM GMT	WEB	head injury on anticoagulation	11:02:24PM GMT Blunt cerebrovascular injury Mechanisms, screening and diagnostic evaluation 11:01:55PM GMT Blunt cerebrovascular injury Treatment and outcomes 11:00:42PM GMT Blunt cerebrovascular injury Treatment and outcomes	Treatment	This reinforced my plan	0.500

			10:54:40PM GMT Geriatric trauma: Initial evaluation and management 10:51:25PM GMT Risk of intracerebral bleeding in patients treated with anticoagulants			
Jun 8 2015 10:50:17PM GMT	WEB	head bleed on anticoagulation	10:50:22PM GMT Reversal of anticoagulation in warfarin-associated intracerebral hemorrhage	Treatment	This reinforced my plan	0.500
Jun 7 2015 09:02:02PM GMT	WEB	dvt screening	09:02:11PM GMT Approach to the diagnosis and therapy of lower extremity deep vein thrombosis	Treatment	This reinforced my plan	0.500
May 29 2015 08:21:56PM GMT	WEB	brain contusion and kepra	08:23:36PM GMT Mannitol: Drug information 08:22:04PM GMT Management of acute severe traumatic brain injury	Treatment	This reinforced my plan	0.500
May 29 2015 08:20:46PM GMT	WEB	brain contusion	08:20:52PM GMT Concussion and mild traumatic brain injury	Treatment	This reinforced my plan	0.500
May 29 2015 08:19:45PM GMT	WEB	closed head injury	08:19:49PM GMT Minor head trauma in infants and children: Evaluation	Treatment	This reinforced my plan	0.500
May 29 2015 12:34:50AM GMT	WEB	clearing neck spine	12:35:11AM GMT Evaluation of the patient with neck pain and cervical spine disorders	Treatment	This reinforced my plan	0.500
May 27 2015 10:30:11AM GMT	WEB	monitoring intracranial pressure	10:30:25AM GMT Management of acute severe traumatic brain injury	Treatment	This reinforced my plan	0.500
May 27 2015 10:19:21AM GMT	WEB	icp monitoring	10:20:35AM GMT Management of acute severe traumatic brain injury 10:19:32AM GMT Evaluation and management of elevated intracranial pressure in adults	Treatment	This reinforced my plan	0.500
May 27 2015 10:18:30AM GMT	WEB	indications for ICP monitor	10:18:37AM GMT Evaluation and management of elevated intracranial pressure in adults	Treatment	This reinforced my plan	0.500



May 25 2015 09:51:25PM GMT	WEB	popliteal artery injury	09:51:28PM GMT	Approach to acute knee pain and injury in children and skeletally immature adolescents	Treatment	This reinforced my plan	0.500
May 24 2015 08:02:21PM GMT	WEB	stab wound to the abdomen	08:02:26PM GMT	Initial evaluation and management of abdominal stab wounds in adults	Treatment	This reinforced my plan	0.500
May 23 2015 11:32:49PM GMT	WEB	pneumocephalus	11:32:54PM GMT	Skull fractures in adults	Treatment	This reinforced my plan	0.500
May 21 2015 10:50:57PM GMT	WEB	pneumothorax size	10:51:04PM GMT	Primary spontaneous pneumothorax in adults	Treatment	This reinforced my plan	0.500
May 20 2015 08:03:50PM GMT	WEB	ivc filter indications	08:04:01PM GMT	Placement of vena cava filters and their complications	Treatment	This reinforced my plan	0.500
May 20 2015 08:03:05PM GMT	WEB	green field filter	08:03:30PM GMT	Tattooing and other methods for localizing colonic lesions	Treatment	This reinforced my plan	0.500
May 19 2015 09:48:15PM GMT	WEB	ER thoracotomy	09:48:19PM GMT	Resuscitative thoracotomy: technique	Treatment	This reinforced my plan	0.500
May 19 2015 07:25:22PM GMT	WEB	hematuria	07:25:29PM GMT	Etiology and evaluation of hematuria in adults	Treatment	This reinforced my plan	0.500
Total:							12.000

## Your CME Evaluation

## 1) My use of UpToDate:

- a) reinforces my approach and my knowledge of the evidence supporting the approach Agree
- b) modifies the way I manage patients Agree
- c) improves the quality of care I provide to my patients Agree

## 2) Purpose: The UpToDate program allows clinicians to effectively find information at the point of care to improve patient management:


Agree


## 3) Did you perceive commercial bias in the UpToDate content?

John Aucar, MD		
2/17/2015	Critical Care/Transplantation	2
3/7/2015	Managing Complications of Bariatric Surgery	2
3/16/2015	Topics in Trauma Surgery	2
3/17/2015	Trauma Reports - Management of Traumatic Wounds	2.5
	Trauma Reports - Carbon Monoxide and Cyanide	
3/17/2015	Poisoning in Smoke Inhalation Victims	2.5
4/26/2015	ACS Southwest Surgical Congress	6
4/28/2015	Cases in Risk Management	2
5/31/2015	Pearls in Thoracic Surgery	2
Total		21

## John A Aucar

This Instructor is recognized as having completed the ATLS® Instructor Training requirements in an ATLS® Student Course according to the standards established by the ACS Committee on Trauma.

  
Karen Brasel, MD, FACS  
Chairperson,  
ATLS Subcommittee

  
John P. Sutya, MD  
ACS Chairperson,  
State/Provincial  
Committee on Trauma

Date of Issue: 09/12/2012

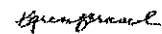
Date of Expiration: 09/12/2016

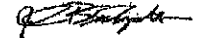
### John A Aucar

This Instructor is recognized as having completed the ATLS® Instructor Training requirements in an ATLS® Student Course according to the standards established by the ACS Committee on Trauma.

Issue Date: 09/12/2012

Expiration Date: 09/12/2016

  
Chairperson,  
ATLS Subcommittee

  
ACS Chairperson,  
State/Provincial  
Committee on Trauma

ATLS

Replacement ATLS cards are available for a \$10 USD fee.



# The American Board of Surgery

Incorporated

1617 John F. Kennedy Blvd., Suite 860  
Philadelphia, PA 19103  
phone 215.568.4000  
fax 215.563.5718  
www.absurgery.org

March 9, 2015

Re: John Albert Aucar, M.D.

Thank you for your recent inquiry to the American Board of Surgery (ABS) regarding the certification status of the above named surgeon. The specific status of this surgeon with the ABS is listed below.

<b>Surgery</b>	<b>Current Status: Certified</b>
	<b>Meeting MOC Requirements</b>

## Certification History - Certificate #037912

Occurrence	Duration	Start Date	End Date
Initial Certification - Expired	Time-Limited	08 Feb 1993	01 Jul 2003
Recertification - Expired	Time-Limited	19 Oct 2001	01 Jul 2013
Recertification	Time-Limited	26 Nov 2012	31 Dec 2023

Please inform us immediately if your information differs from what we have supplied above. If you have questions regarding this information, please contact the ABS office.

*Frank R. Lewis, Jr.*

Frank R. Lewis, Jr., M.D.  
Executive Director

# AMERICAN COLLEGE OF SURGEONS

## DIVISION OF EDUCATION

### JOINT PROVIDERSHIP PROGRAM

### CONTINUING MEDICAL EDUCATION CERTIFICATE

**John A Aucar**

*Has participated in the educational activity titled:*

**Southwestern Surgical Congress**

**67th Annual Meeting**

**April 26-29, 2015 - Monterey, California**

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American College of Surgeons and the Southwestern Surgical Congress. The American College of Surgeons is accredited by the ACCME to provide continuing medical education (CME) for physicians.

The American College of Surgeons designates this live activity for a maximum of 21.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the AMA PRA Category 1 Credit(s)™ listed above, a maximum of 14.25 credits meet the requirements for Self-Assessment.



AMERICAN COLLEGE OF SURGEONS

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Highest Standards, Better Outcomes*

100+ years

*Ajit K. Sachdeva*

Ajit K. Sachdeva, MD, FRCSC, FACS

Director, Division of Education

*Blended Surgical Education and Training for Life*

A. TOTAL AMA PRA Category 1 Credits™: 10.25

B. Of the credits claimed in line A, the SELF-ASSESSMENT credits earned were: 6.50      6 hours of the total related to trauma      4 hours of self assessment were related credits related to trauma /IAA

## CERTIFICATE OF CONTINUING PROFESSIONAL EDUCATION

**Accreditation:** The Audio-Digest Foundation is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**Designation:** The Audio-Digest Foundation designates most of its Enduring Materials for a maximum of 2 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.  
\*Note: Each ACCEL program is designated for a maximum of 4 *AMA PRA Category 1 Credits™*.

Audio-Digest Foundation is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's (ANCC's) Commission on Accreditation. Audio-Digest awards 2.0 contact hours (or 4.0 contact hours for the ACCEL program) for each clinical activity.

JOHN A. AUCAR MD

DATE

06/11/2015

CUSTOMER ID #

THIS PARTICIPANT HAS SUCCESSFULLY COMPLETED THE FOLLOWING CME ACTIVITIES  
(APPLIES TO TESTS GRADED Jan 1 2015 THRU Jun 11 2015)

VOLUME						
DATE	ISSUE / LEC	TITLE	PRE/POST-TEST		QUALIFIES FOR:	
GENERAL SURGERY						
02/17/15	61-24	CRITICAL CARE/TRANSPLANTATION	60%	80%		
03/07/15	62-02	MANAGING COMPLICATIONS OF BARIATRIC SURGERY	50%	90%		
04/28/15	62-03	CASES IN RISK MANAGEMENT	60%	80%	RISK MGMT/PATIENT SAFETY/MEDICAL ERRORS	
03/16/15	62-04	TOPICS IN TRAUMA SURGERY	20%	90%	TRAUMA	
05/07/15	62-05	TOPICS IN COLORECTAL SURGERY	30%	90%		
05/31/15	62-06	PEARLS IN THORACIC SURGERY	70%	80%		
06/11/15	62-08	ENDOCRINE SURGERY, PART 3: ADRENAL SURGERY	60%	100%		
TOTAL AMA PRA CATEGORY 1 CREDITS™ IN GENERAL SURGERY: 14.0						
TOTAL AMA PRA CATEGORY 1 CREDITS™ : 14.0						
PLEASE NOTE : CREDIT LISTED BELOW <u>IS INCLUDED</u> IN THE TOTAL NUMBER OF <u>AMA PRA CATEGORY 1 CREDITS™</u> LISTED ABOVE AND IS NOT IN ADDITION TO THE TOTAL NUMBER OF CREDITS LISTED ABOVE.						
QUALIFYING CREDITS						
RISK MGMT/PATIENT SAFETY/MEDICAL ERRORS		2.0	TRAUMA		2.0	



**Audio-Digest Foundation®**  
An affiliate of the California Medical Association  
Box 1898, Glendale, California 91209  
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www.audiodigest.org

LON OSMOND  
VICE PRESIDENT AND EXECUTIVE EDITOR

AHC Media  
950 E. Paces Ferry Rd. NE, Suite 2850  
Atlanta, Georgia 30326  
Tel (800) 688-2421  
Fax (800) 284-3291  
www.ahcmedia.com



JOHN AUCAR

March 17, 2015

USA

AHC Media certifies that JOHN AUCAR has participated in the enduring material titled Carbon Monoxide and Cyanide Poisoning in Smoke Inhalation Victims: A Review 2015-01 - Trauma Reports - Jan 01, 2015 on March 17, 2015, and is awarded 2.5 *AMA PRA Category 1 Credits*<sup>TM</sup>.

Topics: Trauma

AHC Media is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Approved by the American College of Emergency Physicians for a maximum of 2.5 hours of ACEP Category I credit.

Learner Location:

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen Brunton".

Stephen A. Brunton, MD  
Chairman, CME Advisory Council  
AHC Media

Secure Certificate ID: 2678499-rjthS,2678499

AHC Media  
950 E. Paces Ferry Rd. NE, Suite 2850  
Atlanta, Georgia 30326  
Tel (800) 688-2421  
Fax (800) 284-3291  
www.ahcmedia.com



JOHN AUCAR

March 17, 2015

USA

AHC Media certifies that JOHN AUCAR has participated in the enduring material titled Evaluation and Management of Traumatic Wounds - Trauma Reports - March 2015 on March 17, 2015, and is awarded 2.5 *AMA PRA Category 1 Credits™*.

Topics: Trauma

AHC Media is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Learner Location:

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen Brunton".

Stephen A. Brunton, MD  
Chairman, CME Advisory Council  
AHC Media

Secure Certificate ID: 2678476-AzZrrQ,2678476



**Paul Bauer, MD**

5/6/2015	JACS May 2015 - Burn, Trauma, Critical Care	1
5/6/2015	JACS May 2015- Burn, Trauma, Critical Care	1
5/6/2015	JACS April 2015- Vascular	1
5/7/2015	JACS Jan 2015- Burn, Trauma, Critical Care	1
5/7/2015	JACS June 2013 - Burn, Trauma, Critical Care	1
5/7/2015	JACS June 2013 - Vascular	1
5/8/2015	JACS Aug 2013 - Pediatric Surgery	1
5/9/2015	JACS Oct 2014 - Burn, Trauma, Critical Care	1
5/9/2015	JACS Nov 2014 - Patient Safety	1
5/9/2015	JACS Aug 2013 - Liver, Biliary, Pancreas	1
5/9/2015	JACS Oct 2013 - Infections	1
5/9/2015	JACS Sept 2014 - Patient Safety	1
5/9/2015	JACS Nov 2013 - Burn, Trauma, Critical Care	1
5/9/2015	JACS Nov 2013 - Patient Safety	1
5/10/2015	JACS Aug 2014 - Pediatric Surgery	1
5/10/2015	JACS Aug 2014 - Plastic Surgery	1
5/10/2015	JACS July 2014 - Neurosurgery	1
5/10/2015	JACS June 2014 - Burn, Trauma, Critical Care	1
5/10/2015	JACS Jan 2014 - Pediatric Surgery	1
5/10/2015	JACS April 2014 - Burn, Trauma, Critical Care	1
8/3/2015	JACS Aug 2015 - Infections	1
<b>Total</b>		<b>21</b>

**American College of Surgeons**

Paul Bauer, MD

is recognized as having successfully completed the ATLS Course for Doctors according to the standards established by the ACS Committee on Trauma.

5/12-13/05

5/09

Date of Issue

Date of Expiration

Chairperson, ACS State/Provincial  
Committee on Trauma

CS#:

- P / SR

# American College of Surgeons ATLS® Person History Report

Date: 07/22/2015  
Time: 01:56:13

Confidential

ATLS ID: Paul Bauer, MD  
Name:  
Address:  
Phone:  
Person Specialty: SR

Faculty Level Detail Information			
Faculty Level	Begin Date	End Date	Edition
Instructor	09/24/1992	08/24/1996	1988

Detail Training History					
Type	Course #	Begin Date	End Date	Site Name	Location
OCP	4887-P	06/23/1988	06/24/1988	Brookdale MHC	Brooklyn, NY
SR	8735-SR	09/03/1992	09/03/1992	Brookdale MHC	Brooklyn, NY
OCP	8735-SR	09/03/1992	09/03/1992	Brookdale MHC	Brooklyn, NY
OCP	27425-P/SR	05/12/2005	05/13/2005	Albana Hospital	Albana, PA
OCI	8721-I	09/10/1992	09/10/1992	Brookdale MHC	Brooklyn, NY
SR	7642-P/SR	06/24/1991	06/25/1991	Brookdale MHC	Brooklyn, NY
OCP	20007-P	09/29/2000	09/30/2000	Lincoln Hospital	Bronx, NYC, NY
				Role	Completion
				Student	Yes
				Student Refresher	Yes
				Student	Yes
				Doctor	Yes
				Student	Yes
				Student Refresher	Yes
				Student	Yes
				Expiration Date	
				08/23/1992	
				09/03/1996	
				09/03/1996	
				05/13/2009	
				06/24/1995	
				09/30/2004	

Detail Teaching History for current four year reverification period					
Serial Number	Begin Date	End Date	Site Name	Location	Role
9464-P/SR	05/27/1993	05/28/1993	Brookdale MHC	Brooklyn, NY	Instructor
9322-P/SR	04/29/1993	04/30/1993	Brookdale MHC	Brooklyn, NY	Instructor
8348-P/SR	11/19/1992	11/20/1992	Brookdale MHC	Brooklyn, NY	Instructor
8347-P	10/29/1992	10/30/1992	Brookdale MHC	Brooklyn, NY	Instructor
				Skill	Teaching Credit
				Yes	Yes
				Yes	Yes
				Yes	Yes
				Yes	Yes

143

Detail History											
Serial Number	Begin Date	End Date	Site Name	Location	Role	Lecture	Skill	Teaching Credit	Instructor Potential	Course Completion	Exp Date
27425-P/SR	05/12/2005	05/13/2005	Albion Hospital	Altoona, PA	Doctor						
20007-P	09/29/2000	09/30/2000	Lincoln Hospital	Bronx, NYC, NY	Student			No	No	Successful	05/13/2008
9464-P/SR	05/27/1993	05/28/1993	Brookdale MHC	Brooklyn, NY	Instructor			No	Yes	Successful	09/30/2004
9322-P/SR	04/29/1993	04/30/1993	Brookdale MHC	Brooklyn, NY	Instructor			Yes			
8348-P/SR	11/19/1992	11/20/1992	Brookdale MHC	Brooklyn, NY	Instructor			Yes			
8347-P	10/29/1992	10/30/1992	Brookdale MHC	Brooklyn, NY	Instructor			Yes			
8721-I	09/10/1992	09/10/1992	Brookdale MHC	Brooklyn, NY	Student			No	No	Successful	09/10/1996
8735-SR	09/03/1992	09/03/1992	Brookdale MHC	Brooklyn, NY	Student			No	Yes	Successful	09/03/1996
8735-SR	09/03/1992	09/03/1992	Brookdale MHC	Brooklyn, NY	Student Refresher			No	No	Successful	09/03/1996
7642-P/SR	06/24/1991	06/25/1991	Brookdale MHC	Brooklyn, NY	Student Refresher			No	No	Successful	06/25/1995
4887-P	06/23/1988	06/24/1988	Brookdale MHC	Brooklyn, NY	Student			No	No	Successful	06/24/1992

Total: 11



# THE AMERICAN BOARD OF SURGERY

September 1, 2015

Re: Paul Mitchell Bauer, M.D.

Thank you for your recent inquiry to the American Board of Surgery (ABS) regarding the certification status of the above named surgeon. The specific status of this surgeon with the ABS is listed below.

<b>Surgery</b>	<b>Current Status: Certified - In the Examination Process Not Required to Participate in MOC</b>
----------------	------------------------------------------------------------------------------------------------------

**Certification History - Certificate #039628**

<b>Occurrence</b>	<b>Duration</b>	<b>Start Date</b>	<b>End Date</b>
Initial Certification - Expired	Time-Limited	08 Nov 1994	01 Jul 2005
Recertification	Time-Limited	17 Oct 2003	31 Dec 2015

"In Examination Process" is noted to signify an individual with an approved application for certification or recertification who has yet to complete the examination process.

<b>Surgical Critical Care</b>	<b>Current Status: Certified - In the Examination Process Not Required to Participate in MOC</b>
-------------------------------	------------------------------------------------------------------------------------------------------

**Certification History - Certificate #002093**

<b>Occurrence</b>	<b>Duration</b>	<b>Start Date</b>	<b>End Date</b>
Initial Certification	Time-Limited	18 Oct 2004	31 Dec 2015
In Examination Process		N/A	N/A

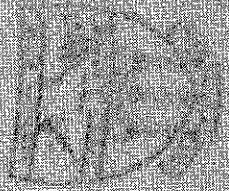
"In Examination Process" is noted to signify an individual with an approved application for certification or recertification who has yet to complete the examination process.

Please inform us immediately if your information differs from what we have supplied above. If you have questions regarding this information, please contact the ABS office.

Frank R. Lewis, Jr., M.D.  
Executive Director



Incorporated



created in 1937 for the certification of Surgeons  
hereby declares that

**Paul Mitchell Bauer**

having been previously certified, has satisfied all the  
requirements for recertification and is hereby reaffirmed  
as certified in the specialty of Surgery

Attest:

Ronald V. Maier  
Chairman

Burton J. Bay  
VICE CHAIRMAN

Philadelphia, Pa.

Frederic R. Luning  
SECRETARY - TREASURER

Ex. Order - 11, 2001

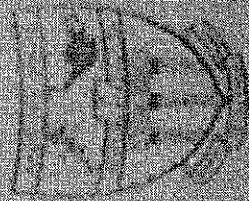
VALID UNTIL July 1, 2015

CERTIFICATE 10001



# THE AMERICAN BOARD OF SURGERY

Incorporated



created in 1937 for the certification of Surgeons  
hereby declares that

**Paul Mitchell Bauer**

having satisfied all the requirements and having  
successfully passed the examination is certified in  
Surgical Critical Care

Attest:

*Pauline A. Bauer*  
Secretary

*Richard J. Bauer*  
President

*Frederic R. Bauer*  
President

Philadelphia, Pa.

Witness: *Richard J. Bauer*

Witness: *Frederic R. Bauer*

CERTIFICATE NO. 1000



# AMERICAN COLLEGE OF SURGEONS

Inspiring Quality: Highest Standards, Better Outcomes

100+ years

## Transcript

Paul Mitchell Bauer, MD FACS

Start Date: 1/1/2013 End Date: 9/1/2015

Program	Awarded By	Total CME Credit	Total Self- Assessment CME Credit	Non-ACS Sponsored CME Credit	Non-ACS Sponsored Self- Assessment Credit	Date Granted	Credit to Address Regulatory Mandates
Journal of the American College of Surgeons September 2015 - General Surgery	JACSCME	1.00	1.00	0.00	0.00	9/1/2015	
Journal of the American College of Surgeons September 2015 - Surgical Oncology	JACSCME	1.00	1.00	0.00	0.00	9/1/2015	
Journal of the American College of Surgeons September 2015 - Breast	JACSCME	1.00	1.00	0.00	0.00	9/1/2015	
Journal of the American College of Surgeons September 2015 - Colon/Rectal	JACSCME	1.00	1.00	0.00	0.00	9/1/2015	
Journal of the American College of Surgeons August, 2015 - Infections	JACSCME	1.00	1.00	0.00	0.00	8/3/2015	
Journal of the American College of Surgeons August, 2015 - Hernia	JACSCME	1.00	1.00	0.00	0.00	8/3/2015	
Journal of the American College of Surgeons August, 2015 - Surgical Oncology	JACSCME	1.00	1.00	0.00	0.00	8/3/2015	
Journal of the American College of Surgeons August, 2015 - Non-cardiac thoracic	JACSCME	1.00	1.00	0.00	0.00	8/3/2015	



Program	Awarded By	Total CME Credit	Total Self-Assessment CME Credit	Non-ACS Sponsored CME Credit	Non-ACS Sponsored Self-Assessment Credit	Date Granted	Credit to Address Regulatory Mandates
Journal of the American College of Surgeons July, 2015 - Transplantation	JACSCME	1.00	1.00	0.00	0.00	7/12/2015	
Journal of the American College of Surgeons July, 2015 - Liver, Biliary, Pancreas	JACSCME	1.00	1.00	0.00	0.00	7/12/2015	
Journal of the American College of Surgeons July, 2015 - Bariatric	JACSCME	1.00	1.00	0.00	0.00	7/12/2015	
Journal of the American College of Surgeons July, 2015 - Breast	JACSCME	1.00	1.00	0.00	0.00	7/12/2015	
Journal of the American College of Surgeons June, 2015 - Breast	JACSCME	1.00	1.00	0.00	0.00	6/3/2015	
Journal of the American College of Surgeons June, 2015 - Endocrinology, Thyroid, Parathyroid	JACSCME	1.00	1.00	0.00	0.00	6/3/2015	
Journal of the American College of Surgeons June, 2015 - General Surgery	JACSCME	1.00	1.00	0.00	0.00	6/3/2015	
Journal of the American College of Surgeons June, 2015 - Liver, Biliary, Pancreas	JACSCME	1.00	1.00	0.00	0.00	6/3/2015	
Journal of the American College of Surgeons February, 2014 - Bariatric	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons February, 2014 - Surgical Oncology	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons February, 2014 - Patient Safety	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons February, 2014 - Pediatric Surgery	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons March, 2014 - Pediatric Surgery	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons March, 2014 - Infections	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	

Program	Awarded By	Total CME Credit	Total Self-Assessment CME Credit	Non-ACS Sponsored CME Credit	Non-ACS Sponsored Self-Assessment Credit	Date Granted	Credit to Address Regulatory Mandates
Journal of the American College of Surgeons March, 2014 - Liver, Biliary, Pancreas	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons March, 2014 - Transplantation	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons April, 2014 - Surgical Oncology	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons April, 2014 - Burn, Trauma, Critical Care	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons April, 2014 - Breast	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons April, 2014 - Patient Safety	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons May, 2014 - General Surgery2	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons May, 2014 - General Surgery1	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons January, 2014 - Stomach/esophagus	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons January, 2014 - Pediatric Surgery	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons January, 2014 - Liver, Biliary, Pancreas 2	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons January, 2014 - Liver, Biliary, Pancreas	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons June, 2014 - Liver, Biliary, Pancreas	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons June, 2014 - Endocrinology, Thyroid, Parathyroid, Adrenal	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	

Program	Awarded By	Total CME Credit	Total Self-Assessment CME Credit	Non-ACS Sponsored CME Credit	Non-ACS Sponsored Self-Assessment Credit	Date Granted	Credit to Address Regulatory Mandates
Journal of the American College of Surgeons June, 2014 - Burn, Trauma, Critical Care	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons June, 2014 - Infections	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of American College of Surgeons July, 2014 - Patient Safety	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of American College of Surgeons July, 2014 - Colon/Rectal, General Surgery	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of American College of Surgeons July, 2014 - Surgical Oncology	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of American College of Surgeons July, 2014 - Neurosurgery	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons August, 2014 - Liver, Biliary, Pancreas	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons August, 2014 - Plastic Surgery	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons August, 2014 - Burn, Trauma, Critical Care	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons August, 2014 - Pediatric Surgery	JACSCME	1.00	1.00	0.00	0.00	5/10/2015	
Journal of the American College of Surgeons December, 2013 - Gallbladder	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons December, 2013 - Liver, Biliary, Pancreas	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons December, 2013 - Breast	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons November, 2013 - Patient Safety	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	

Program	Awarded By	Total CME Credit	Total Self-Assessment CME Credit	Non-ACS Sponsored CME Credit	Non-ACS Sponsored Self-Assessment Credit	Date Granted	Credit to Address Regulatory Mandates
Journal of the American College of Surgeons November, 2013 - Burn, Trauma, Critical Care	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons November, 2013 - Surgical Oncology	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons November, 2013 - Colon/Rectal	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons September, 2014 - Bariatric	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons September, 2014 - Patient Safety	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons September, 2014 - General Surgery2	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons September, 2014 - General Surgery	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons October, 2013 - Infections	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons October, 2013 - Endocrinology, Thyroid, Parathyroid, Adrenal	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons October, 2013 - Liver, Biliary, Pancreas	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons October, 2013 - Breast	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons October, 2014 - Burn, Trauma, Critical Care	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons October, 2014 - Breast	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of American College of Surgeons October, 2014 - Endocrinology, Thyroid, Parathyroid, Adrenal	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	

Program	Awarded By	Total CME Credit	Total Self-Assessment CME Credit	Non-ACS Sponsored CME Credit	Non-ACS Sponsored Self-Assessment Credit	Date Granted	Credit to Address Regulatory Mandates
Journal of the American College of Surgeons September, 2013 - Endocrinology, Thyroid, Parathyroid, Adrenal	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons September, 2013 - Bariatric	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of American College of Surgeons November, 2014 - Endocrinology, Thyroid, Parathyroid, Adrenal	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of American College of Surgeons November, 2014 - Stomach/Esophagus	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of American College of Surgeons November, 2014 - Patient Safety	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of American College of Surgeons November, 2014 - Colon/Rectal	JACSCME	1.00	1.00	0.00	0.00	5/9/2015	
Journal of the American College of Surgeons August, 2013 - Liver, Biliary, Pancreas	JACSCME	1.00	1.00	0.00	0.00	5/8/2015	
Journal of the American College of Surgeons August, 2013 - Endocrinology, Thyroid, Parathyroid, Adrenal	JACSCME	1.00	1.00	0.00	0.00	5/8/2015	
Journal of the American College of Surgeons August, 2013 - Pediatric Surgery	JACSCME	1.00	1.00	0.00	0.00	5/8/2015	
Journal of the American College of Surgeons December, 2014 - General Surgery	JACSCME	1.00	1.00	0.00	0.00	5/8/2015	
Journal of the American College of Surgeons December, 2014 - Liver, Biliary, Pancreas	JACSCME	1.00	1.00	0.00	0.00	5/8/2015	
Journal of the American College of Surgeons December, 2014 - Colon/Rectal	JACSCME	1.00	1.00	0.00	0.00	5/8/2015	
Journal of the American College of Surgeons July, 2013 - Transplantation	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	
Journal of the American College of Surgeons July, 2013 - Colon/Rectal	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	

Program	Awarded By	Total CME Credit	Total Self-Assessment CME Credit	Non-ACS Sponsored CME Credit	Non-ACS Sponsored Self-Assessment Credit	Date Granted	Credit to Address Regulatory Mandates
Journal of the American College of Surgeons July, 2013 - Infections	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	
Journal of the American College of Surgeons July, 2013 - Breast	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	
Journal of the American College of Surgeons June, 2013 - Pediatric Surgery	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	
Journal of the American College of Surgeons June, 2013 - Vascular	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	
Journal of the American College of Surgeons June, 2013 - Gallbladder	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	
Journal of the American College of Surgeons June, 2013 - Burn, Trauma, Critical Care	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	
Journal of the American College of Surgeons January, 2015 - Liver, Biliary, Pancreas	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	
Journal of the American College of Surgeons January, 2015 Burn, Trauma, Critical Care	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	
Journal of the American College of Surgeons January, 2015 - Stomach, esophagus	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	
Journal of the American College of Surgeons February, 2015 - Colon/Rectal	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	
Journal of the American College of Surgeons February, 2015 - General Surgery-2	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	
Journal of the American College of Surgeons February, 2015 - General Surgery	JACSCME	1.00	1.00	0.00	0.00	5/7/2015	
Journal of the American College of Surgeons March, 2015 - Colon/Rectal	JACSCME	1.00	1.00	0.00	0.00	5/6/2015	
Journal of the American College of Surgeons March, 2015 - General Surgery/Hernia	JACSCME	1.00	1.00	0.00	0.00	5/6/2015	

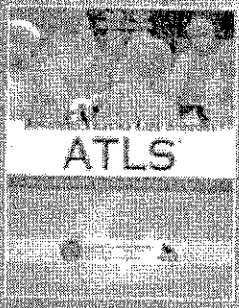
21

Program	Awarded By	Total CME Credit	Total Self-Assessment CME Credit	Non-ACS Sponsored CME Credit	Non-ACS Sponsored Self-Assessment Credit	Date Granted	Credit to Address Regulatory Mandates
Journal of the American College of Surgeons March, 2015 - Infections	JACSCME	1.00	1.00	0.00	0.00	5/6/2015	
Journal of the American College of Surgeons March, 2015 - Burn, Trauma, Critical Care	JACSCME	1.00	1.00	0.00	0.00	5/6/2015	
Journal of the American College of Surgeons April, 2015 - Burn, Trauma, Critical Care	JACSCME	1.00	1.00	0.00	0.00	5/6/2015	
Journal of the American College of Surgeons April, 2015 - Pediatric Surgery	JACSCME	1.00	1.00	0.00	0.00	5/6/2015	
Journal of the American College of Surgeons April, 2015 - Endocrinology, Thyroid, Parathyroid	JACSCME	1.00	1.00	0.00	0.00	5/6/2015	
Journal of the American College of Surgeons April, 2015 - Vascular	JACSCME	1.00	1.00	0.00	0.00	5/6/2015	
Journal of the American College of Surgeons May, 2015 - Surgical Oncology	JACSCME	1.00	1.00	0.00	0.00	5/6/2015	
Journal of the American College of Surgeons May, 2015 - Stomach, esophagus	JACSCME	1.00	1.00	0.00	0.00	5/6/2015	
Journal of the American College of Surgeons May, 2015 - Burn, Trauma, Critical Care	JACSCME	1.00	1.00	0.00	0.00	5/6/2015	
Journal of the American College of Surgeons May, 2015 - Burn, Trauma, Critical Care	JACSCME	1.00	1.00	0.00	0.00	5/6/2015	
Surgical Education and Self-Assessment Program (SESAP®) 14	ACS	70.00	70.00	0.00	0.00	1/18/2013	
<b>Total</b>		<b>172.00</b>	<b>172.00</b>	<b>0.00</b>	<b>0.00</b>		

**Benoit Blondeau , MD**

10/23/2014	Oct 2014 - Burn, Trauma, Critical Care	1
3/14/2015	Laposcopic Procedures for Acute Abdominal Emergencies	1.5
5/13/2015	May 2015 - Burn, Trauma, Critical Care	1
6/30/2015	June 2014 - Burn, Trauma, Critical Care	1
7/30/2015	Trauma Reports 16(1) - Carbon Monoxide and Cyanide Poisoning in Smoke Inhalation Victims	2.5
7/30/2015	Trauma Reports 16(2) - Evaluation and Management of Traumatic Wounds	2.5
7/30/2015	Trauma Reports 16(3) - Submersion and Drowning Injuries	2.5
7/30/2015	Trauma Reports 16(4) - Damage Control Resuscitation	2.5
7/31/2015	January 2015 - Burn, Trauma, Critical Care	1
7/31/2015	March 2015 - Burn, Trauma, Critical Care	1
<b>Total</b>		<b>16.5</b>





## Benoit Blondeau

This Instructor is recognized as having completed the ATLS® Instructor Training requirements in an ATLS® Student Course according to the standards established by the ACS Committee on Trauma.

*Sharon M. Henry, MD, FACS*  
 Sharon M. Henry, MD, FACS, Chair  
 Chairperson,  
 ATLS Subcommittee

Stephen Barnes, MD, FACS  
 ACS Chairperson,  
 State/Provincial  
 Committee on Trauma

Date of Issue: 03/21/2012

Date of Expiration: 03/21/2016



AMERICAN COLLEGE  
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 Highest Standards.  
 Better Outcomes.



### Benoit Blondeau

This Instructor is recognized as having completed the ATLS® Instructor Training requirements in an ATLS® Student Course according to the standards established by the ACS Committee on Trauma.

Issue Date: 03/21/2012

Expiration Date: 03/21/2016

*Sharon M. Henry, MD, FACS*  
 Chairperson,  
 ATLS Subcommittee  
 ATLS ID

Stephen Barnes, MD, FACS  
 ACS Chairperson, State/Provincial  
 Committee on Trauma

Replacement ATLS cards are available for a \$10 USD fee.

# THE AMERICAN BOARD OF SURGERY

Incorporated



created in 1937 for the certification of Surgeons  
hereby declares that

**Benoit Blondeau**

having satisfied all the requirements and having  
successfully passed the examination is certified in  
the specialty of Surgery

Attest:



*Supervisor*

*Secretary*

Philadelphia, Pa.

*Frank R. Linn*

ISSUED May 11, 2006

VALID UNTIL July 1, 2016

CERTIFICATE NO. 54131



# THE AMERICAN BOARD OF SURGERY

September 9, 2015

Re: Benoit Blondeau, M.D.

Thank you for your recent inquiry to the American Board of Surgery (ABS) regarding the certification status of the above named surgeon. The specific status of this surgeon with the ABS is listed below.

<b>Surgery</b>	<b>Current Status: Certified</b> <b>Meeting MOC Requirements</b>
----------------	---------------------------------------------------------------------

**Certification History - Certificate #051491**

<b>Occurrence</b>	<b>Duration</b>	<b>Start Date</b>	<b>End Date</b>
Initial Certification	Time-Limited	10 May 2006	31 Dec 2016

<b>Hospice and Palliative Medicine</b>	<b>Current Status: Certified</b> <b>Meeting MOC Requirements</b>
----------------------------------------	---------------------------------------------------------------------

**Certification History - Certificate #000049**

<b>Occurrence</b>	<b>Duration</b>	<b>Start Date</b>	<b>End Date</b>
Initial Certification	Time-Limited	01 Nov 2012	31 Dec 2023

Please inform us immediately if your information differs from what we have supplied above. If you have questions regarding this information, please contact the ABS office.

*Frank R. Lewis, Jr.*

Frank R. Lewis, Jr., M.D.  
Executive Director

# The AMERICAN BOARD OF SURGERY

Incorporated



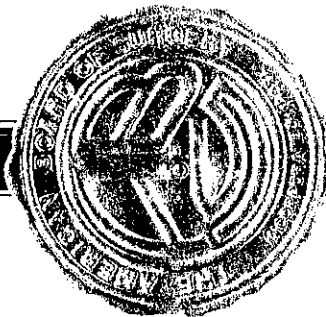
created in 1937 for the certification of Surgeons  
hereby declares that

**Denoit Blondeau**

having satisfied all the requirements and having  
successfully passed the examination is certified in

Hospice and Palliative Medicine

Attest:



Thomas H. Croplin  
CHAIRMAN

Joseph B. Cohen  
VICE-CHAIRMAN

Philadelphia, Pa.

Frederic R. Luning  
SECRETARY-TREASURER

ISSUED: November 1, 2012

VALID UNTIL: July 1, 2023

CERTIFICATE NO. 49

# AMERICAN COLLEGE OF SURGEONS

## DIVISION OF EDUCATION

### CONTINUING MEDICAL EDUCATION CERTIFICATE

**Benoit Blondeau, MD MBA FACS**

Has participated in the educational activity titled:

**Journal of the American College of Surgeons  
October, 2014 - Burn, Trauma, Critical Care  
October 23, 2014**

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American College of Surgeons designates this journal-based CME for a maximum of 1.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the AMA PRA Category 1 Credits™ listed above a maximum of 1.00 credits meet the requirements for Self-Assessment.



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Highest Standards, Better Outcomes

100+ years

Ajit K. Sachdeva, MD, FRCSC, FACS

Director, Division of Education

Blended Surgical Education and Training for Life

A: Total AMA PRA Category 1 Credits™ claimed: 1.00

B: Of the credits claimed in line A, the Self-Assessment credits earned were: 1.00

# AMERICAN COLLEGE OF SURGEONS

## DIVISION OF EDUCATION

### CONTINUING MEDICAL EDUCATION CERTIFICATE

**Benoit Blondeau, MD MBA FACS**

Has participated in the course titled:

**2014 Clinical Congress Webcast  
Laparoscopic Procedures for Acute Abdominal Emergencies  
March 14, 2015**

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American College of Surgeons designates this enduring material for a maximum of 1.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the AMA PRA Category 1 Credits™ listed above a maximum of 0.50 credits meet the requirements for Self-Assessment.



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*Highest Standards, Better Outcomes*

**100+ years**

Ajit K. Sachdeva, MD, FRCSC, FACS

Director, Division of Education

*Blended Surgical Education and Training for Life*

A: Total AMA PRA Category 1 Credits™ claimed: 1.50

B: Of the credits claimed in line A, the Self-Assessment credits earned were: 1.50

# AMERICAN COLLEGE OF SURGEONS

## DIVISION OF EDUCATION

### CONTINUING MEDICAL EDUCATION CERTIFICATE

**Benoit Blondeau, MD MBA FACS**

Has participated in the educational activity titled:

**Journal of the American College of Surgeons  
May, 2015 - Burn, Trauma, Critical Care  
May 13, 2015**

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American College of Surgeons designates this journal-based CME for a maximum of 1.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the *AMA PRA Category 1 Credits™* listed above a maximum of 1.00 credits meet the requirements for Self-Assessment.



AMERICAN COLLEGE OF SURGEONS

*Inspiring Quality:*

*Highest Standards, Better Outcomes*

**100+ years**

A handwritten signature in black ink, reading "Ajit K. Sachdeva".

Ajit K. Sachdeva, MD, FRCSC, FACS  
Director, Division of Education  
*Blended Surgical Education and Training for Life*

A: Total *AMA PRA Category 1 Credits™* claimed: 1.00

B: Of the credits claimed in line A, the Self-Assessment credits earned were: 1.00

# AMERICAN COLLEGE OF SURGEONS

## DIVISION OF EDUCATION

### CONTINUING MEDICAL EDUCATION CERTIFICATE

**Benoit Blondeau, MD MBA FACS**

---

Has participated in the educational activity titled:

**Journal of the American College of Surgeons  
June, 2014 - Burn, Trauma, Critical Care  
July 30, 2015**

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A handwritten signature in cursive script, reading "Ajit K. Sachdeva".

Ajit K. Sachdeva, MD, FRCSC, FACS  
Director, Division of Education  
*Blended Surgical Education and Training for Life*

A: Total AMA PRA Category 1 Credits™ claimed: 1.00

B: Of the credits claimed in line A, the Self-Assessment credits earned were: 1.00



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E. CENTR CARE SURGERY

July 30, 2015

USA

AHC Media certifies that BENOIT BLONDEAU has participated in the enduring material titled Trauma Reports (Vol.16, No. 1) - Carbon Monoxide and Cyanide Poisoning in Smoke Inhalation Victims: A Review - Jan 01, 2015 on July 30, 2015, and is awarded 2.5 *AMA PRA Category 1 Credits*<sup>TM</sup>.

Topics: Trauma

AHC Media is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Learner Location:

Sincerely,

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Stephen A. Brunton, MD  
Chairman, CME Advisory Council  
AHC Media

Secure Certificate ID: 2878094-AC9ASr,2878094

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July 30, 2015

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Topics: Trauma

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The American Osteopathic Association has approved this continuing education activity for up to 2.5 AOA Category 2-B credits.

Approved by the American College of Emergency Physicians for a maximum of 2.5 hours of ACEP Category I credit.

Learner Location:

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen Brunton".

Stephen A. Brunton, MD  
Chairman, CME Advisory Council  
AHC Media

Secure Certificate ID: 2878067-3EAchV,2878067

1166

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BENOIT BLONDEAU  
EMCARE ACUTE CARE SURGERY

July 30, 2015

USA

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Topics: Emergency Medicine, Trauma

The American Osteopathic Association has approved this continuing education activity for up to 2.5 AOA Category 2-B credits.

Approved by the American College of Emergency Physicians for a maximum of 2.5 hours of ACEP Category I credit.

AHC Media is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Learner Location:

Sincerely,

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Stephen A. Brunton, MD  
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AHC Media

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BENOIT BLONDEAU  
EMCARE ACUTE CARE SURGERY

July 30, 2015

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AHC Media certifies that BENOIT BLONDEAU has participated in the enduring material titled Trauma Reports (Vol. 16, No. 4) - July 1, 2015 on July 30, 2015, and is awarded 2.5 *AMA PRA Category 1 Credits*™.

Topics: Emergency Medicine, Trauma

The American Osteopathic Association has approved this continuing education activity for up to 2.5 AOA Category 2-B credits.

Approved by the American College of Emergency Physicians for a maximum of 2.5 hours of ACEP Category I credit.

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Learner Location:

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Stephen A. Brunton, MD  
Chairman, CME Advisory Council  
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Secure Certificate ID: 2877988-E9dmu,2877988

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Has participated in the educational activity titled:

**Journal of the American College of Surgeons  
January, 2015 Burn, Trauma, Critical Care  
July 30, 2015**

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Director, Division of Education

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B: Of the credits claimed in line A, the Self-Assessment credits earned were: 1.00

# AMERICAN COLLEGE OF SURGEONS

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Ajit K. Sachdeva, MD, FRCSC, FACS

Director, Division of Education

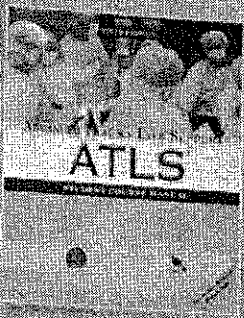
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A: Total AMA PRA Category 1 Credits™ claimed: 1.00

B. Of the credits claimed in line A, the Self-Assessment credits earned were: 1.00

**Elizabeth Kim , MD**

5/21/15	Survival Severe Blunt Trauma	1
5/21/15	Abdominal Compliance	1
5/21/15	Trauma Care Doesn't Discriminate	1
6/2/15	Paraplegics and Quadriplegics	1
6/2/15	Reassessment of Impact of Trauma System Consultation	1
6/2/15	Injury in the Aged	1
8/7/15	Trauma Reports 16(4) - Damage Control Resuscitation	2.5
9/6/15	Tourniquet use for civilian extremity trauma	1
9/7/15	Trauma Reports 16(3) - Submersion and Drowning Injuries	2.5
9/7/15	Trauma Reports 16(5) - Pediatric Head Injury	3.5
9/9/15	Trauma Reports 16(1) - Carbon Monoxide and Cyanide Poisoning in Smoke Inhalation Victims	2.5
9/9/15	Trauma Reports 16(2) - Evaluation and Treatment of Traumatic Wounds	2.5
<b>Total</b>		<b>20.5</b>



Elizabeth Kim, M.D.

is recognized as having successfully completed the  
ATLS® Course for Doctors according to the standards  
established by the ACS Committee on Trauma.

*Karen Brasel*  
Karen Brasel, MD, FACS  
Chairperson,  
ATLS Subcommittee

Stephen Luk, MD  
ACS Chairperson,  
State/Provincial  
Committee on Trauma

*Stephen Luk*  
ATLS Course Director

Date of Issue: 01/31/2014

Date of Expiration: 01/31/2018



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established by the ACS Committee on Trauma.

Issue Date: 01/31/2014

Expiration Date: 01/31/2018

*Karen Brasel*

Stephen Luk, MD

Chairperson,  
ATLS Subcommittee

ACS Chairperson,  
State/Provincial  
Committee on Trauma

*Stephen Luk*  
CS 41767-SR Course Director

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Philadelphia, PA 19103  
phone 215.568.4000  
fax 215.563.5718  
www.absurgery.org

March 16, 2015

Re: Elizabeth Carroll Kim, M.D.

Thank you for your recent inquiry to the American Board of Surgery (ABS) regarding the certification status of the above named surgeon. The specific status of this surgeon with the ABS is listed below.

Surgery

Current Status: Certified  
Meeting MOC Requirements

**Certification History - Certificate #056126**

**Occurrence**

Initial Certification

**Duration**

Time-Limited

**Start Date**

03 May 2011

**End Date**

31 Dec 2021

Please inform us immediately if your information differs from what we have supplied above. If you have questions regarding this information, please contact the ABS office.

*Frank R. Lewis, Jr.*

Frank R. Lewis, Jr., M.D.  
Executive Director

American College of Surgeons  
Division of Education  
Joint Providership Program  
CONTINUING MEDICAL EDUCATION CERTIFICATE

ELIZABETH KIM

*Has participated in the educational activity titled:*

American Association for the Surgery of Trauma Journal of Trauma and Acute Care Surgery

Survival of Severe Blunt Trauma Patients Treated with Resuscitative Endovascular Balloon Occlusion of the Aorta Compared to Propensity Score Adjusted Untreated Patients - April 2015 JOT Article

5/21/2015

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of the American College of Surgeons and the American Association for the Surgery of Trauma. The American College of Surgeons is accredited by the ACCME to provide continuing medical education (CME) for physicians.

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Of the AMA PRA Category 1 Credits™ claimed above, the Self-Assessment credits earned were: 1

*Ajit K. Sachdeva*  
Ajit K. Sachdeva, MD, FRCSC, FACS  
Director, Division of Education

# American College of Surgeons

Division of Education

Joint Providership Program

## CONTINUING MEDICAL EDUCATION CERTIFICATE

ELIZABETH KIM

*Has participated in the educational activity titled:*

American Association for the Surgery of Trauma Journal of Trauma and Acute Care Surgery

Abdominal compliance: A bench-to-bedside review - May 2015 JOT Article

5/21/2015

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of the American College of Surgeons and the American Association for the Surgery of Trauma. The American College of Surgeons is accredited by the ACCME to provide continuing medical education (CME) for physicians.

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Total AMA PRA Category 1 Credits™ claimed: 1

Of the AMA PRA Category 1 Credits™ claimed above, the Self-Assessment credits earned were: 1

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Ajit K. Sachdeva, MD, FRCSC, FACS  
Director, Division of Education

# American College of Surgeons

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#### CONTINUING MEDICAL EDUCATION CERTIFICATE

ELIZABETH KIM

*Has participated in the educational activity titled:*

**American Association for the Surgery of Trauma Journal of Trauma and Acute Care Surgery**

**Trauma Care Doesn't Discriminate: The Association of Race and Health Insurance with Mortality Following Traumatic Injury - May 2015**

JOT Article

5/21/2015

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of the American College of Surgeons and the American Association for the Surgery of Trauma. The American College of Surgeons is accredited by the ACCME to provide continuing medical education (CME) for physicians.

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Total AMA PRA Category 1 Credits™ claimed: 1

Of the AMA PRA Category 1 Credits™ claimed above, the Self-Assessment credits earned were: 1

*Ajit K. Sachdeva*

Ajit K. Sachdeva, MD, FRCSC, FACS  
Director, Division of Education

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*Has participated in the educational activity titled:*

American Association for the Surgery of Trauma Journal of Trauma and Acute Care Surgery

Paraplegics and Quadriplegics Undergoing Emergency Abdominal Surgery Sicker Presentations, Worse Outcomes - April 2015 JOT Article

6/2/2015

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of the American College of Surgeons and the American Association for the Surgery of Trauma. The American College of Surgeons is accredited by the ACCME to provide continuing medical education (CME) for physicians.

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CHICAGO, ILLINOIS 60610-5200

Total AMA PRA Category 1 Credits™ claimed: 1

Of the AMA PRA Category 1 Credits™ claimed above, the Self-Assessment credits earned were: 1

*John K. Savides, MD*

John K. Savides, MD, FRCSC, FACS  
Director, Division of Education



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ELIZABETH KIM

*Has participated in the educational activity titled:*

American Association for the Surgery of Trauma Journal of Trauma and Acute Care Surgery

A Reassessment of the Impact of Trauma Systems Consultation on Regional Trauma System Development - June 2015 JOT Article

6/2/2015

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of the American College of Surgeons and the American Association for the Surgery of Trauma. The American College of Surgeons is accredited by the ACCME to provide continuing medical education (CME) for physicians.

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1234 Main Street  
Chicago, IL 60601  
Phone: 312.462.1000

Total AMA PRA Category 1 Credits™ claimed: 1

Of the AMA PRA Category 1 Credits™ claimed above, the Self-Assessment credits earned were: 1

*John K. Sachdev*

John K. Sachdev, MD, FRCSC, FACS  
Director, Division of Education



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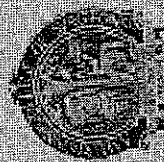
Injury in the Aged: Geriatric Trauma Care at the Crossroads - June 2015 JOT Article

6/2/2015

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of the American College of Surgeons and the American Association for the Surgery of Trauma. The American College of Surgeons is accredited by the ACCME to provide continuing medical education (CME) for physicians.

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*Ann K. Suchman*

Ann K. Suchman, MD, FRCSC, FACS  
Director, Division of Education

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ELIZABETH KIM

August 7, 2015

USA

AHC Media certifies that ELIZABETH KIM has participated in the enduring material titled Trauma Reports (Vol. 16, No. 4) - Damage Control Resuscitation - July 1, 2015 on August 7, 2015, and is awarded 2.5 AMA PRA Category 1 Credits™.

Topics: Emergency Medicine, Trauma

The American Osteopathic Association has approved this continuing education activity for up to 2.5 AOA Category 2-B credits.

Approved by the American College of Emergency Physicians for a maximum of 2.5 hours of ACEP Category I credit.

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Learner Location:

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Chairman, CME Advisory Council  
AHC Media

Secure Certificate ID: 2886953-2B6xtS,2886953



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*has participated in the educational activity titled:*

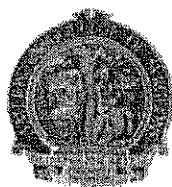
**Journal of Trauma: Tourniquet Use for Civilian Extremity Trauma - August 2015  
JOT Article (9/6/2015)**

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Of the AMA PRA Category 1 Credits<sup>TM</sup> Claimed above,  
the Self-Assessment credits earned were: 1.00

Anil K. Sachdeva, MD, FRCSC, FACS  
Director, Division of Education

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September 7, 2015

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Topics: Emergency Medicine, Trauma

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Chairman, CME Advisory Council  
AHC Media

Secure Certificate ID: 2924146-APDnA5,2924146

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September 7, 2015

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Topics: Emergency Medicine, Trauma

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Approved by the American College of Emergency Physicians for a maximum of 2.5 hours of ACEP Category I credit.

Learner Location:

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Stephen A. Brunton, MD  
Chairman, CME Advisory Council  
AHC Media

Secure Certificate ID: 2924067-W6hB4,2924067

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ELIZABETH KIM

September 9, 2015

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AHC Media certifies that ELIZABETH KIM has participated in the enduring material titled Trauma Reports (Vol.16, No. 1) - Carbon Monoxide and Cyanide Poisoning in Smoke Inhalation Victims: A Review - Jan 01, 2015 on September 9, 2015, and is awarded 2.5 *AMA PRA Category 1 Credits™*.

Topics: Trauma

The American Osteopathic Association has approved this continuing education activity for up to 2.5 AOA Category 2-B credits.

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Stephen A. Brunton, MD  
Chairman, CME Advisory Council  
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September 9, 2015

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Topics: Trauma

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Learner Location:

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Stephen A. Brunton, MD  
Chairman, CME Advisory Council  
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Secure Certificate ID: 2926854-AHXo3X,2926854

Keith Thomaе , MD		
9/10/2015	Trauma Reports 16(5) - Pediatric Head Injury	3.5
9/12/2015	Trauma Reports 15(6) - Blunt Pelvic Trauma	2.5
9/12/2015	Trauma Reports 16(1) - Carbon Monoxide and Cyanide Poisoning in Smoke Inhalation	2.5
9/12/2015	Trauma Reports 16(3) - Submersion and Drowning Injuries	2.5
9/12/2015	Trauma Reports 16(2) - Evaluation and Management of Traumatic Wounds	2.5
9/12/2015	Trauma Reports 15(5) - Crush Injuries	2.5
9/12/2015	Trauma Reports 16(4) - Damage Control Resuscitation	2.5
<b>Total</b>		<b>18.5</b>

## Keith R. Thomae

This Instructor is recognized as having completed the  
ATLS® Instructor Training requirements in an ATLS®  
Student Course according to the standards established  
by the ACS Committee on Trauma.

*Sheron M. Henry, MD, FACS*  
Sheron M. Henry, MD, FACS, Chair  
Chairperson,  
ATLS Subcommittee

*John F. Sutyak, MD*  
John F. Sutyak, MD  
ACS Chairperson,  
State/Provincial  
Committee on Trauma

Date of Issue: 08/12/1994

Date of Expiration: 08/12/1998

### Keith R. Thomae

This Instructor is recognized as having completed the  
ATLS® Instructor Training requirements in an ATLS®  
Student Course according to the standards established  
by the ACS Committee on Trauma.

Issue Date: 08/12/1994

Expiration Date: 08/12/1998

*Sheron M. Henry, MD, FACS*  
Chairperson,  
ATLS Subcommittee  
ATLS II

*John F. Sutyak, MD*  
ACS Chairperson, State/Provincial  
Committee on Trauma

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Date: 07/21/2015  
Time: 06:38:39

Confidential

ATLS ID: 45820  
Name: Keith R. Thomas, MD, FACS  
Address:  
Phone:  
Person Specialty: GS

## Faculty Level Detail Information

Faculty Level	Begin Date	End Date	Edition
Student Course Director Candidate	03/22/1996	08/12/1994	5th Edition
Instructor	08/12/1994	08/12/1998	5th Edition

## Detail Training History

Type	Course #	Begin Date	End Date	Site Name	Location	Role	Completion	Expiration Date
OCI	10083-L	04/26/1994	04/30/1994	Univ. of Miss. School of Med.	Jackson, MS	Student	Yes	
TRC	10086-P	08/12/1994	08/13/1994	Univ. of Miss. School of Med.	Jackson, MS	Instructor Candidate	No	
OCF	8005-P	11/04/1993	11/05/1993	Univ. of Miss. School of Med.	Jackson, MS	Student	Yes	11/04/1997

## Detail Teaching History for current four year revalidation period

Serial Number	Begin Date	End Date	Site Name	Location	Role	Lecture	Skill	Teaching Credit
12183-F	03/22/1996	08/12/1994	Univ. of Miss. School of Med.	Jackson, MS	Instructor	Lecture	Skill	Yes
10086-P	08/12/1994	08/13/1994	Univ. of Miss. School of Med.	Jackson, MS	Instructor Candidate	Lecture	Skill	Yes

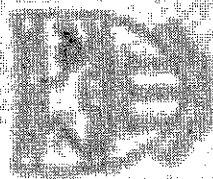
## Detail History

Serial Number	Begin Date	End Date	Site Name	Location	Role	Lecture	Skill	Teaching Instructor Credit	Course Completion	Exp Date
12183-P	03/22/1996	08/12/1994	Univ. of Miss. School of Med.	Jackson, MS	Instructor	Lecture	Skill	Yes		



**Test 4**

# THE AMERICAN BOARD OF SURGERY



created in 1937 for the certification of Surgeons  
hereby declares that

**Keith R. Thomas**

having satisfied all the requirements and  
successfully passed the examination is properly  
qualified to practice the specialty of Surgery

1990

*Keith R. Thomas*

*Keith R. Thomas*

*Keith R. Thomas*

Philadelphia, Pa.

1990

1990

## Dr. Keith Thomae's Transcript

### Completed Credits

Date Range: All Time

Total Credits Claimed: 53.50

USA

#### Trauma Reports (Vol.16, No. 3) - Submersion and Drowning Injuries - May 1, 2015

Enduring Material: Trauma Reports , Emergency Medicine Trauma

Completed	Credits	Accreditation	Provider
09/12/2015	2.50	AMA PRA Category 1 Credit™	AHC Media LLC
	Hours	Accreditation	Provider
	2.50	ACEP	AHC Media LLC
	Credits	Accreditation	Provider
	2.50	AOA	AHC Media LLC

#### Trauma Reports (Vol.16, No. 2) - Evaluation and Management of Traumatic Wounds - March 2015

Enduring Material: Trauma Reports , Trauma

Completed	Hours	Accreditation	Provider
09/12/2015	2.50	ACEP	AHC Media LLC
	Credits	Accreditation	Provider
	2.50	AMA PRA Category 1 Credit™	AHC Media LLC
	Credits	Accreditation	Provider
	2.50	AOA	AHC Media LLC

#### Trauma Reports (Vol.15, No. 5) - Crush Injuries - Sep 01, 2014

Enduring Material: Trauma Reports , Trauma

Completed	Credits	Accreditation	Provider
09/12/2015	2.50	AOA	AHC Media LLC
	Hours	Accreditation	Provider
	2.50	ACEP	AHC Media LLC
	Credits	Accreditation	Provider
	2.50	AMA PRA Category 1 Credit™	AHC Media LLC

#### Trauma Reports (Vol. 16, No. 4) - Damage Control Resuscitation - July 1, 2015

Enduring Material: Trauma Reports , Emergency Medicine Trauma

Completed	Credits	Accreditation	Provider
09/12/2015	2.50	AMA PRA Category 1 Credit™	AHC Media LLC
	Credits	Accreditation	Provider

9/12/2015

AHC Media Course Transcript

2.50	AOA	AHC Media LLC
Hours	Accreditation	Provider
2.50	ACEP	AHC Media LLC

### Trauma Reports (Vol.16, No. 1) - Carbon Monoxide and Cyanide Poisoning in Smoke Inhalation Victims: A Review - Jan 01, 2015

Enduring Material: Trauma Reports , Trauma

Completed	Hours	Accreditation	Provider
09/12/2015	2.50	ACEP	AHC Media LLC
	Credits	Accreditation	Provider
	2.50	AOA	AHC Media LLC
	Credits	Accreditation	Provider
	2.50	AMA PRA Category 1 Credit™	AHC Media LLC

### Trauma Reports (Vol.15, No. 6) - Blunt Pelvic Trauma - Nov 01, 2014

Enduring Material: Trauma Reports , Trauma

Completed	Hours	Accreditation	Provider
09/12/2015	2.50	ACEP	AHC Media LLC
	Credits	Accreditation	Provider
	2.50	AOA	AHC Media LLC
	Credits	Accreditation	Provider
	2.50	AMA PRA Category 1 Credit™	AHC Media LLC

### Trauma Reports (Vol. 16, No. 5) – Pediatric Head Injury - September 1, 2015

Enduring Material: Trauma Reports , Emergency Medicine Trauma

Completed	Credits	Accreditation	Provider
09/10/2015	3.50	AMA PRA Category 1 Credit™	AHC Media LLC
	Hours	Accreditation	Provider
	2.50	ACEP	AHC Media LLC
	Credits	Accreditation	Provider
	2.50	AOA	AHC Media LLC

## Completed Accreditation Credits

### Total Credits by Accreditation Type

Accreditation Type	Total Credits Claimed
AMA PRA Category 1	18.50
ACEP	17.50

AOA

17.50

**Completed Publication Credits****Total Credits by Publication**

Publication	Total Credits Claimed
Trauma Reports	53.50

July 2015

Terre Haute Regional Hospital - ED

Zachary L. Worley, DO

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Practitioner-Hours
			7/1/2015	7/2/2015	7/3/2015	7/4/2015	Black, Brian D.O.: 156.00 Gamble, Michael M.D.: 132.00 Israelson, Klevon D.O.: 120.00 Reddy, Keshava M.D.: 180.00 Worley, Zachary D.O.: 156.00
7/5/2015	7/6/2015	7/7/2015	7/8/2015	7/9/2015	7/10/2015	7/11/2015	Totals: Total Hours: 744.00 Total Scheduled Hrs: 744.00 Total Nbr of Shifts: 62 Total Shifts TBD: 0 (0.00%)
7a-7p Gamble,M.	7a-7p Black,B.	7a-7p Reddy,K.	7a-7p Black,B.	7a-7p Black,B.	7a-7p Gamble,M.	7a-7p Gamble,M.	Shift Legend: 7a-7p (Mon-Sun) - 12.00 hrs. 7p-7a (Mon-Sun) - 12.00 hrs.
7p-7a Worley,Z.	7p-7a Israelson,K.	7p-7a Israelson,K.	7p-7a Reddy,K.	7p-7a Reddy,K.	7p-7a Black,B.	7p-7a Black,B.	Daily Shift Coverage: Sunday - 24.00 hrs. Monday - 24.00 hrs. Tuesday - 24.00 hrs. Wednesday - 24.00 hrs. Thursday - 24.00 hrs. Friday - 24.00 hrs. Saturday - 24.00 hrs.
7/12/2015	7/13/2015	7/14/2015	7/15/2015	7/16/2015	7/17/2015	7/18/2015	
7a-7p Gamble,M.	7a-7p Reddy,K.	7a-7p Reddy,K.	7a-7p Black,B.	7a-7p Black,B.	7a-7p Reddy,K.	7a-7p Reddy,K.	
7p-7a Black,B.	7p-7a Worley,Z.	7p-7a Worley,Z.	7p-7a Gamble,M.	7p-7a Gamble,M.	7p-7a Worley,Z.	7p-7a Worley,Z.	
7/19/2015	7/20/2015	7/21/2015	7/22/2015	7/23/2015	7/24/2015	7/25/2015	
7a-7p Reddy,K.	7a-7p Reddy,K.	7a-7p Black,B.	7a-7p Black,B.	7a-7p Reddy,K.	7a-7p Black,B.	7a-7p Gamble,M.	
7p-7a Israelson,K.	7p-7a Israelson,K.	7p-7a Israelson,K.	7p-7a Gamble,M.	7p-7a Reddy,K.	7p-7a Worley,Z.	7p-7a Worley,Z.	
7/26/2015	7/27/2015	7/28/2015	7/29/2015	7/30/2015	7/31/2015		
7a-7p Black,B.	7a-7p Reddy,K.	7a-7p Black,B.	7a-7p Reddy,K.	7a-7p Gamble,M.	7a-7p Gamble,M.		
7p-7a Israelson,K.	7p-7a Israelson,K.	7p-7a Israelson,K.	7p-7a Black,B.	7p-7a Reddy,K.	7p-7a Reddy,K.		

Partnership: Indiana Emergency Physicians, LLP  
 Medical Director: Zachary Worley, DO  
 Assistant Medical Director: Michael Gamble, MD

Facility: TETH - ED - 145009  
 Phone: (812) 237-1622  
 Facility Fax: (812) 237-9514

Scheduler: Stephanie Elhal  
 Revised: 06/05/15 12:32 pm  
 Collect Cal  
 Toll Free Number:  
 Fax Number:  
 Team On-Call Number:

August 2015

Terre Haute Regional Hospital - ED

Zachary L. Worley, DO

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Practitioner Hours
8/2/2015 7a-7p Black, B. 7p-7a Israelsen, K. SP-CP LISA	8/3/2015 7a-7p Reddy, K. 7p-7a Israelsen, K. SP-CP LISA	8/4/2015 7a-7p Reddy, K. 7p-7a Israelsen, K. SP-CP LISA	8/5/2015 7a-7p Black, B. 7p-7a Worley, Z.	8/6/2015 7a-7p Reddy, K. 7p-7a Gamble, M. 7p-7a Worley, Z.	8/7/2015 7a-7p Black, B. 7p-7a Reddy, K.	8/8/2015 7a-7p Black, B. 7p-7a Gamble, M.	Black, Brian D.O.: 156.00 Gamble, Michael M.D.: 132.00 Israelsen, Kieven D.O.: 132.00 Reddy, Keshava M.D.: 168.00 Worley, Zachary D.O.: 156.00  Totals: Total Hours: 744.00 Total Scheduled Hrs: 744.00 Total Nbr of Shifts: 62 Total Shifts TBD: 0 (0.00%)
8/9/2015 7a-7p Black, B. 7p-7a Israelsen, K. SP-CP STEVE	8/10/2015 7a-7p Reddy, K. 7p-7a Israelsen, K. SP-CP LISA	8/11/2015 7a-7p Black, B. 7p-7a Israelsen, K.	8/12/2015 7a-7p Reddy, K. 7p-7a Worley, Z.	8/13/2015 7a-7p Gamble, M. 7p-7a Worley, Z.	8/14/2015 7a-7p Reddy, K. 7p-7a Black, B.	8/15/2015 7a-7p Reddy, K. 7p-7a Worley, Z.	Shift Legend: 7a-7p (Mon-Sun) - 12.00 hrs. 7p-7a (Mon-Sun) - 12.00 hrs.  Daily Shift Coverage: Sunday - 24.00 hrs. Monday - 24.00 hrs. Tuesday - 24.00 hrs. Wednesday - 24.00 hrs. Thursday - 24.00 hrs. Friday - 24.00 hrs. Saturday - 24.00 hrs.
8/16/2015 7a-7p Reddy, K. 7p-7a Israelsen, K. SP-CP STEVE	8/17/2015 7a-7p Worley, Z. 7p-7a Israelsen, K. SP-CP MICHAEL	8/18/2015 7a-7p Black, B. 7p-7a Reddy, K.	8/19/2015 7a-7p Black, B. 7p-7a Reddy, K.	8/20/2015 7a-7p Gamble, M. 7p-7a Worley, Z.	8/21/2015 7a-7p Reddy, K. 7p-7a Worley, Z.	8/22/2015 7a-7p Gamble, M. 7p-7a Worley, Z.	
8/23/2015 7a-7p Reddy, K. 7p-7a Gamble, M. SP-CP STEVE	8/24/2015 7a-7p Reddy, K. 7p-7a Israelsen, K. SP-CP MICHAEL	8/25/2015 7a-7p Black, B. 7p-7a Israelsen, K.	8/26/2015 7a-7p Black, B. 7p-7a Worley, Z.	8/27/2015 7a-7p Gamble, M. 7p-7a Worley, Z.	8/28/2015 7a-7p Reddy, K. 7p-7a Gamble, M.	8/29/2015 7a-7p Reddy, K. 7p-7a Black, B.	
8/30/2015 7a-7p Reddy, K. 7p-7a Gamble, M. SP-CP STEVE	8/31/2015 7a-7p Gamble, M. 7p-7a Israelsen, K.						

September 2015

Terre Haute Regional Hospital - ED

Zachary L. Worley, DO

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Practitioner Hours
		9/1/2015	9/2/2015	9/3/2015	9/4/2015	9/5/2015	Black, Brian D.O.: 156.00 Gamble, Michael M.D.: 132.00 Israelson, Klevon D.O.: 96.00 Reddy, Keshava M.D.: 168.00 Worley, Zachary D.O.: 168.00
7p-7a Reddy,K.	7a-7p Black,B.	7a-7p Black,B.	7a-7p Black,B.	7a-7p Reddy,K.	7a-7p Black,B.	7a-7p Reddy,K.	
7p-7a Israelson,K.	7p-7a Reddy,K.	7p-7a Reddy,K.	7p-7a Gamble,M.	7p-7a Reddy,K.	7p-7a Reddy,K.	7p-7a Reddy,K.	
							Totals:
9/6/2015	9/7/2015	9/8/2015	9/9/2015	9/10/2015	9/11/2015	9/12/2015	Total Hours: 720.00 Total Scheduled Hrs: 720.00 Total Nbr of Shifts: 60 Total Shifts TBD: 0 (0.00%)
7a-7p Reddy,K.	7a-7p Black,B.	7a-7p Reddy,K.	7a-7p Reddy,K.	7a-7p Black,B.	7a-7p Reddy,K.	7a-7p Black,B.	Shift Legend:
7p-7a Israelson,K.	7p-7a Israelson,K.	7p-7a Israelson,K.	7p-7a Israelson,K.	7p-7a Reddy,K.	7p-7a Reddy,K.	7p-7a Reddy,K.	7a-7p (Mon-Sun) - 12.00 hrs. 7p-7a (Mon-Sun) - 12.00 hrs.
							Daily Shift Coverage:
9/13/2015	9/14/2015	9/15/2015	9/16/2015	9/17/2015	9/18/2015	9/19/2015	Sunday - 24.00 hrs. Monday - 24.00 hrs.
7a-7p Gamble,M.	7a-7p Gamble,M.	7a-7p Reddy,K.	7a-7p Gamble,M.	7a-7p Reddy,K.	7a-7p Reddy,K.	7a-7p Reddy,K.	Tuesday - 24.00 hrs.
7p-7a Black,B.	7p-7a Reddy,K.	7p-7a Reddy,K.	7p-7a Reddy,K.	7p-7a Reddy,K.	7p-7a Reddy,K.	7p-7a Reddy,K.	Wednesday - 24.00 hrs.
							Thursday - 24.00 hrs.
9/20/2015	9/21/2015	9/22/2015	9/23/2015	9/24/2015	9/25/2015	9/26/2015	Friday - 24.00 hrs. Saturday - 24.00 hrs.
7a-7p Reddy,K.	7a-7p Reddy,K.	7a-7p Gamble,M.	7a-7p Black,B.	7a-7p Black,B.	7a-7p Reddy,K.	7a-7p Black,B.	
7p-7a Israelson,K.	7p-7a Israelson,K.	7p-7a Israelson,K.	7p-7a Israelson,K.	7p-7a Gamble,M.	7p-7a Gamble,M.	7p-7a Gamble,M.	
9/27/2015	9/28/2015	9/29/2015	9/30/2015				
7a-7p Black,B.	7a-7p Reddy,K.	7a-7p Gamble,M.	7a-7p Black,B.				
7p-7a Reddy,K.	7p-7a Reddy,K.	7p-7a Reddy,K.	7p-7a Reddy,K.				



Level II Application

<u>Name</u>	<u>Board Certification Type/Expiration</u>	<u>ATLS Status (In=Instructor, P=Provider) Expiration Date</u>	<u>ATLS cards</u>
Brian Black, DO	Am Bd Family Medicine, exp 2/15/16	ATLS Provider, exp 8/18/17	yes
Michael Gamble, MD	Am Bd Family Medicine, exp 12/31/18	ATLS Provider, exp 8/18/17	yes
Kleven Israelsen, DO	Am Os Board Family Medicine, no exp	ATLS Provider, exp 12/15/16	yes
Keshava Reddy, MD	Am Bd Family Medicine, exp 2/15/16	ATLS Provider, exp 3/1/17	yes
Zachary Worley, DO	Am Bd of Emergency Medicine 12/31/22	ATLS Provider, exp 7/18/12	yes

# **Zachary Lee Worley, DO FACEP FAAEM**

*Board Certified in Emergency Medicine*

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## **Specialty Certification**

- 6/5/2012-12/31/2022  
**Diplomate- American Board of Emergency Medicine**  
Certificate Number 52416

## **Fellowship Appointments**

- 6/12-present  
**Fellow- American Academy of Emergency Medicine**  
(FAAEM)
- 10/14-present  
**Fellow- American College of Emergency Physicians**  
(FACEP)

## **Post-Graduate Training**

- 2008-2011  
**Emergency Medicine Residency**  
Indiana University School of Medicine  
Methodist/Wishard/Riley Hospitals  
Indianapolis, Indiana

Residency Involvement: Teaching Assistant- Indiana University School of Medicine X-602: Evidence Based Medicine I; Medical Student Education Committee Chairman; Emergency Medical Services Committee; Orientation and Recruiting Committee; Indiana University School of Medicine "MS-I WK-1" simulation leader; Associate Medical Director- Putnam County (Indiana) EMS

## **Graduate Education**

- 2004-2008  
**Doctor of Osteopathic Medicine**  
Midwestern University- Arizona College of Osteopathic Medicine  
Glendale, Arizona

Leadership positions: President of American Medical Student Association (AMSA) chapter, Treasurer of emergency medicine club, chairman/organizer of 2005 AMSA Regional Conference

### Undergraduate Education

- *1997-2002*  
**Bachelor of Arts-History (with certificate in medieval studies)**  
Indiana University- Bloomington  
Bloomington, Indiana

### Academic Appointments

- *2011-present*  
**Assistant Professor of Clinical Emergency Medicine**  
Indiana University School of Medicine  
Indianapolis, Indiana  
(Adjunct since 6/13)
- *2014-present*  
**Clinical Assistant Professor**  
Marian University College of Osteopathic Medicine  
Indianapolis, Indiana

### Administrative Appointments

- *2013-present*  
**Medical Director of Emergency Services**  
Terre Haute Regional Hospital  
Terre Haute, IN

### Employment/Hospital Appointment History

- *2013-present*  
**Terre Haute Regional Hospital**  
**Emergency Department Attending Physician**  
**(Indiana Emergency Physicians, LLP- an ECI Partnership)**  
Terre Haute, Indiana  
(approximately 22,000 visit community ED)

#### Hospital committee involvement:

- Clinical Monitoring Committee
- Physician Relations Committee
- Trauma Operational Review Committee
- Trauma Physicians Review Committee
- Emergency Department Physicians Advisory Group

- *2011- present*  
**Indiana University Health- Methodist Hospital**  
**Emergency Medicine and Trauma Center Attending Physician**  
**(Indiana University Health Physicians)**  
 Indianapolis, Indiana  
 (approximately 110,000 visit urban/academic ED)
  
- *2014-present*  
**St. Vincent-Clay Hospital**  
**Emergency Department Attending Physician (supplemental)**  
 Brazil, Indiana  
 (approximately 12,000 visit critical access ED)
  
- *2014*  
**Major Hospital**  
**Emergency Department Attending Physician (supplemental)**  
**(Lafayette Emergency Physicians)**  
 Shelbyville, Indiana  
 (approximately 26,000 visit community ED)
  
- *2012-present*  
**Indiana University Health- West Hospital**  
**Emergency Department Attending Physician (Supplemental)**  
**(Indiana University Health Physicians)**  
 Avon, Indiana  
 (approximately 40,000 visit suburban ED)
  
- *2012-present*  
**Indiana University Health- Ball Memorial Hospital**  
**Emergency Department Attending Physician (Supplemental)**  
**(Indiana University Health Physicians)**  
 Muncie, Indiana  
 (approximately 55,000 visit community ED)
  
- *2011-2012*  
**Howard Regional Health**  
**Emergency Department Attending Physician (Supplemental)**  
**(Indiana University Health Physicians)**  
 Kokomo, Indiana  
 (approximately 28,000 visit community ED)